Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

0 0 6

Change of Operator (Well Sold) — Designation of Agent/Operator

X Operator Name Change — Merger

The operator of the well(s) listed below has changed, effective: **2/1/2003**

FROM: (Old Operator):	**TO:** (New Operator):
N4235-Shenandoah Energy Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341	N2460-QEP Uinta Basin Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341

CA No. **Unit:**

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	Confid
RED WASH U 34-27C	27	070S	240E	4304735045		Federal	GW	APD	C
WV EXT 1W-17-8-21	17	080S	210E	4304734927		Federal	GW	APD	C
WV EXT 8W-17-8-21	17	080S	210E	4304734929	13792	Federal	GW	DRL	C
N DUCK CREEK 9M-22-8-21	22	080S	210E	4304734901		Federal	GW	APD	C
N DUCK CREEK 11M-22-8-21	22	080S	210E	4304734902		Federal	GW	APD	C
NDC 10W-25-8-21	25	080S	210E	4304734923		Federal	GW	APD	C
N DUCK CREEK 3M-27-8-21	27	080S	210E	4304734900		Federal	GW	APD	C
NDC 11M-27-8-21	27	080S	210E	4304734952	13809	Federal	GW	DRL	C
NDC 9M-27-8-21	27	080S	210E	4304734956		Federal	GW	APD	C
NDC 1M-27-8-21	27	080S	210E	4304734957		Federal	GW	APD	C
NDC 15M-28-8-21	28	080S	210E	4304734958		Federal	GW	APD	C
GB 7W-36-8-21	36	080S	210E	4304734893		State	GW	APD	
GB 3W-36-8-21	36	080S	210E	4304734894	13791	State	GW	DRL	
GB 5W-36-8-21	36	080S	210E	4304734925	13808	State	GW	DRL	
GB 4W-36-8-21	36	080S	210E	4304734926		State	GW	APD	
WRU EIH 9W-26-8-22	26	080S	220E	4304735047		Federal	GW	APD	C
NC 8M-32-8-22	32	080S	220E	4304734897		State	GW	APD	
NC 3M-32-8-22	32	080S	220E	4304734899		State	GW	APD	
NC 11M-32-8-22	32	080S	220E	4304735040		State	GW	NEW	
WRU EIH 10W-35-8-22	35	080S	220E	4304735046	13544	Federal	GW	DRL	C

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/2/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/2/2003
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 6/19/2003
4. Is the new operator registered in the State of Utah: **YES** Business Number: 5292864-0151
5. If NO, the operator was contacted contacted on: ____

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 7/21/2003

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 7/21/2003

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 9/11/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 9/11/2003
3. Bond information entered in RBDMS on: n/a
4. Fee wells attached to bond in RBDMS on: n/a

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: 965-003-032

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 799446

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 965-003-033
2. The **FORMER** operator has requested a release of liability from their bond on: n/a
   The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

SEI (N4235) to QEP (N2460)

well_name	Sec	T	R	api DOGM	Entity		type	stat	
WV 14W-4-8-21	04	080S	210E	4304734040		Federal	GW	APD	C
WV 16W-4-8-21	04	080S	210E	4304734041		Federal	GW	APD	C
WV 5W-36-7-21	36	070S	210E	4304734099	13807	State	GW	DRL	C
WV 16W-31-7-22	31	070S	220E	4304734257		Federal	GW	APD	C
RED WASH 16W-19-7-22	19	070S	220E	4304734258		Federal	GW	APD	C
WV 9W-16-7-21	16	070S	210E	4304734324		State	GW	APD	
GH 6W-20-8-21	20	080S	210E	4304734331		Federal	GW	APD	C
WV 10W-23-8-21	23	080S	210E	4304734341	13766	Federal	GW	PA	C
WV 11W-23-8-21	23	080S	210E	4304734342		Federal	GW	APD	C
WV 13W-23-8-21	23	080S	210E	4304734344		Federal	GW	APD	C
WV 14W-23-8-21	23	080S	210E	4304734345		Federal	GW	APD	C
WV 15W-23-8-21	23	080S	210E	4304734346		Federal	GW	APD	C
WV 7W-31-7-22	31	070S	220E	4304734379		Federal	GW	APD	C
WV 9W-30-7-22	30	070S	220E	4304734381		Federal	GW	APD	C
WV 10W-25-7-21	25	070S	210E	4304734382		Federal	GW	APD	C
WV 10W-26-7-21	26	070S	210E	4304734383		Federal	GW	APD	C
WV 14W-30-7-22	30	070S	220E	4304734384	13750	Federal	GW	DRL	C
WV 15W-27-7-21	27	070S	210E	4304734385		Federal	GW	APD	C
GH 8W-20-8-21	20	080S	210E	4304734393		Federal	GW	APD	C
SU PURDY 3W-30-7-22	30	070S	220E	4304734394		Federal	GW	APD	C
STIRRUP UNIT 10G-5-8-22	05	080S	220E	4304734396		Federal	OW	APD	C
WV 10W-35-7-21	35	070S	210E	4304734397		Federal	GW	APD	C
WV 16G-6-8-22	06	080S	220E	4304734404		Federal	OW	APD	C
SU 4W-26-7-21	26	070S	210E	4304734408		Federal	GW	APD	C
STIRRUP U 12W-6-8-22	06	080S	220E	4304734449		Federal	GW	APD	C
STIRRUP U 10W-6-8-22	06	080S	220E	4304734451		Federal	GW	APD	C
STIRRUP U 8W-5-8-22	05	080S	220E	4304734453		Federal	GW	APD	C
STIRRUP U 6W-5-8-22	05	080S	220E	4304734454		Federal	GW	APD	C
WV EXT 10W-17-8-21	17	080S	210E	4304734561	13744	Federal	GW	P	C
STIRRUP U 7G-5-8-22	05	080S	220E	4304734609		Federal	OW	APD	C
STIRRUP U 9G-5-8-22	05	080S	220E	4304734610		Federal	OW	APD	C
STIRRUP U 9G-6-8-22	06	080S	220E	4304734611		Federal	OW	APD	C
OU GB 10W-16-8-22	16	080S	220E	4304734616		State	GW	APD	C
OU GB 14W-16-8-22	16	080S	220E	4304734619		State	GW	APD	C
OU GB 16W-20-8-22	20	080S	220E	4304734633		Federal	GW	APD	C
OU WIH 15W-21-8-22	21	080S	220E	4304734634		Federal	GW	APD	C
OU GB 8W-17-8-22	17	080S	220E	4304734647		Federal	GW	APD	C
OU GB 11W-15-8-22	15	080S	220E	4304734648	13822	Federal	GW	DRL	C
OU GB 16W-16-8-22	16	080S	220E	4304734655	13815	State	GW	DRL	C
OU GB 1W-16-8-22	16	080S	220E	4304734656		State	GW	APD	C
OU GB 8W-16-8-22	16	080S	220E	4304734660	13769	State	GW	DRL	C
OU GB 3W-15-8-22	15	080S	220E	4304734677		Federal	GW	APD	C
OU GB 4W-21-8-22	21	080S	220E	4304734685	13772	Federal	GW	P	C
OU WIH 2W-21-8-22	21	080S	220E	4304734687	13837	Federal	GW	PA	C
OU GB 9W-16-8-22	16	080S	220E	4304734692		State	GW	APD	C
OU WIH 1W-21-8-22	21	080S	220E	4304734693		Federal	GW	APD	C
OU GB 7G-19-8-22	19	080S	220E	4304734694		Federal	OW	APD	C
OU GB 5G-19-8-22	19	080S	220E	4304734695	13786	Federal	OW	P	C
OU GB 8W-20-8-22	20	080S	220E	4304734706		Federal	GW	APD	C
OU SG 14W-15-8-22	15	080S	220E	4304734710	13821	Federal	GW	DRL	C
OU SG 15W-15-8-22	15	080S	220E	4304734711	13790	Federal	GW	DRL	C
OU SG 16W-15-8-22	15	080S	220E	4304734712	13820	Federal	GW	DRL	C
OU SG 4W-15-8-22	15	080S	220E	4304734713	13775	Federal	GW	DRL	C
OU SG 12W-15-8-22	15	080S	220E	4304734714	13828	Federal	GW	DRL	C
OU SG 5W-15-8-22	15	080S	220E	4304734715		Federal	GW	APD	C
OU SG 6W-15-8-22	15	080S	220E	4304734716	13865	Federal	GW	PA	C
OU SG 8W-15-8-22	15	080S	220E	4304734717	13819	Federal	GW	DRL	C

SEI (N4235) to QEP (N2460)

well_name	Sec	T	R	api DOGM	Entity		type	stat	
OU SG 9W-15-8-22	15	080S	220E	4304734718	13773	Federal	GW	P	C
OU SG 1W-15-8-22	15	080S	220E	4304734720		Federal	GW	APD	C
OU SG 2W-15-8-22	15	080S	220E	4304734721		Federal	GW	APD	C
OU SG 7W-15-8-22	15	080S	220E	4304734722		Federal	GW	APD	C
GYPSUM HILLS 13HG-17-8	17	080S	210E	4304734723	13765	Federal	GW	DRL	C
OU GB 14SG-29-8-22	29	080S	220E	4304734743		Federal	GW	APD	C
OU GB 16SG-29-8-22	29	080S	220E	4304734744	13771	Federal	GW	DRL	C
OU GB 13W-10-8-22	10	080S	220E	4304734754	13774	Federal	GW	P	C
OU GB 6W-21-8-22	21	080S	220E	4304734755	13751	Federal	GW	P	C
OU SG 10W-10-8-22	10	080S	220E	4304734764		Federal	GW	DRL	C
OU SG 15W-10-8-22	10	080S	220E	4304734765	13849	Federal	GW	DRL	C
OU GB 14W-10-8-22	10	080S	220E	4304734768	13781	Federal	GW	P	C
OU SG 16W-10-8-22	10	080S	220E	4304734784	13777	Federal	GW	P	C
OU GB 15G-16-8-22	16	080S	220E	4304734829		State	OW	DRL	
BASER WASH 6W-7-7-22	07	070S	220E	4304734837		Federal	GW	APD	C
GB 5G-15-8-22	15	080S	220E	4304734876		Federal	OW	APD	C
GB 4G-21-8-22	21	080S	220E	4304734882		Federal	OW	APD	C
W IRON HORSE 2W-28-8-2	28	080S	220E	4304734883		Federal	GW	APD	C
OU GB 8WX-29-8-22	29	080S	220E	4304734884		Federal	GW	APD	C
GB 7W-36-8-21	36	080S	210E	4304734893		State	GW	APD	
GB 3W-36-8-21	36	080S	210E	4304734894	13791	State	GW	DRL	
NC 8M-32-8-22	32	080S	220E	4304734897		State	GW	APD	
NC 3M-32-8-22	32	080S	220E	4304734899		State	GW	APD	
N DUCK CREEK 3M-27-8-2	27	080S	210E	4304734900		Federal	GW	APD	C
N DUCK CREEK 9M-22-8-2	22	080S	210E	4304734901		Federal	GW	APD	C
N DUCK CREEK 11M-22-8	22	080S	210E	4304734902		Federal	GW	APD	C
NDC 10W-25-8-21	25	080S	210E	4304734923		Federal	GW	APD	C
GB 5W-36-8-21	36	080S	210E	4304734925	13808	State	GW	DRL	
GB 4W-36-8-21	36	080S	210E	4304734926		State	GW	APD	
WV EXT 1W-17-8-21	17	080S	210E	4304734927		Federal	GW	APD	C
WV EXT 8W-17-8-21	17	080S	210E	4304734929	13792	Federal	GW	DRL	C
NDC 11M-27-8-21	27	080S	210E	4304734952	13809	Federal	GW	DRL	C
NDC 9M-27-8-21	27	080S	210E	4304734956		Federal	GW	APD	C
NDC 1M-27-8-21	27	080S	210E	4304734957		Federal	GW	APD	C
NDC 15M-28-8-21	28	080S	210E	4304734958		Federal	GW	APD	C
NC 11M-32-8-22	32	080S	220E	4304735040		State	GW	NEW	
RED WASH U 34-27C	27	070S	240E	4304735045		Federal	GW	APD	C
WRU EIH 10W-35-8-22	35	080S	220E	4304735046	13544	Federal	GW	DRL	C
WRU EIH 9W-26-8-22	26	080S	220E	4304735047		Federal	GW	APD	C
WRU EIH 15W-26-8-22	26	080S	220E	4304735048		Federal	GW	APD	C
WRU EIH 1W-35-8-22	35	080S	220E	4304735049		Federal	GW	APD	C
WRU EIH 9W-35-8-22	35	080S	220E	4304735050		Federal	GW	APD	C
WRU EIH 7W-35-8-22	35	080S	220E	4304735051		Federal	GW	APD	C
WRU EIH 2W-35-8-22	35	080S	220E	4304735052		Federal	GW	APD	C

Form 3160-3
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

001

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
UTU-68219

6. If Indian, Allottee or Tribe Name
UTE TRIBE

1a. Type of Work: ☒ DRILL ☐ REENTER

CONFIDENTIAL

7. If Unit or CA Agreement, Name and No.

1b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

8. Lease Name and Well No.
NORTH DUCK CREEK 11M-22-8-21

2. Name of Operator
SHENANDOAH ENERGY INC.
Contact: RALEEN SEARLE
E-Mail: raleen.searle@questar.com

9. API Well No.
43-047-34902

3a. Address
11002 EAST 17500 SOUTH
VERNAL, UT 84078

3b. Phone No. (include area code)
Ph: 435.781.4309
Fx: 435.781.4329

10. Field and Pool, or Exploratory
WONSITS VALLEY

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface NESW 2390FSL 1919FWL 4440550 Y 40.10797
624285 X -109.54175
At proposed prod. zone

11. Sec., T., R., M., or Blk. and Survey or Area
Sec 22 T8S R21E Mer SLB

14. Distance in miles and direction from nearest town or post office*
8 +/- MILES FROM OURAY, UT

12. County or Parish
UINTAH

13. State
UT

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
1919' +/-

16. No. of Acres in Lease
320.00

17. Spacing Unit dedicated to this well
40.00

18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.
1500' +/-

19. Proposed Depth
12750 MD

20. BLM/BIA Bond No. on file
UT-1237

21. Elevations (Show whether DF, KB, RT, GL, etc.
4776 KB

22. Approximate date work will start

23. Estimated duration
30 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature: Raleen Searle
Name (Printed/Typed): RALEEN SEARLE
Date: 02/14/2003

Title: REGULATORY AFFAIRS ANALYST

Approved by (Signature):
Name (Printed/Typed): BRADLEY G. HILL
Date: 02-26-03

Title:
Office: ENVIRONMENTAL SCIENTIST III

Federal Approval of this Action is Necessary

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

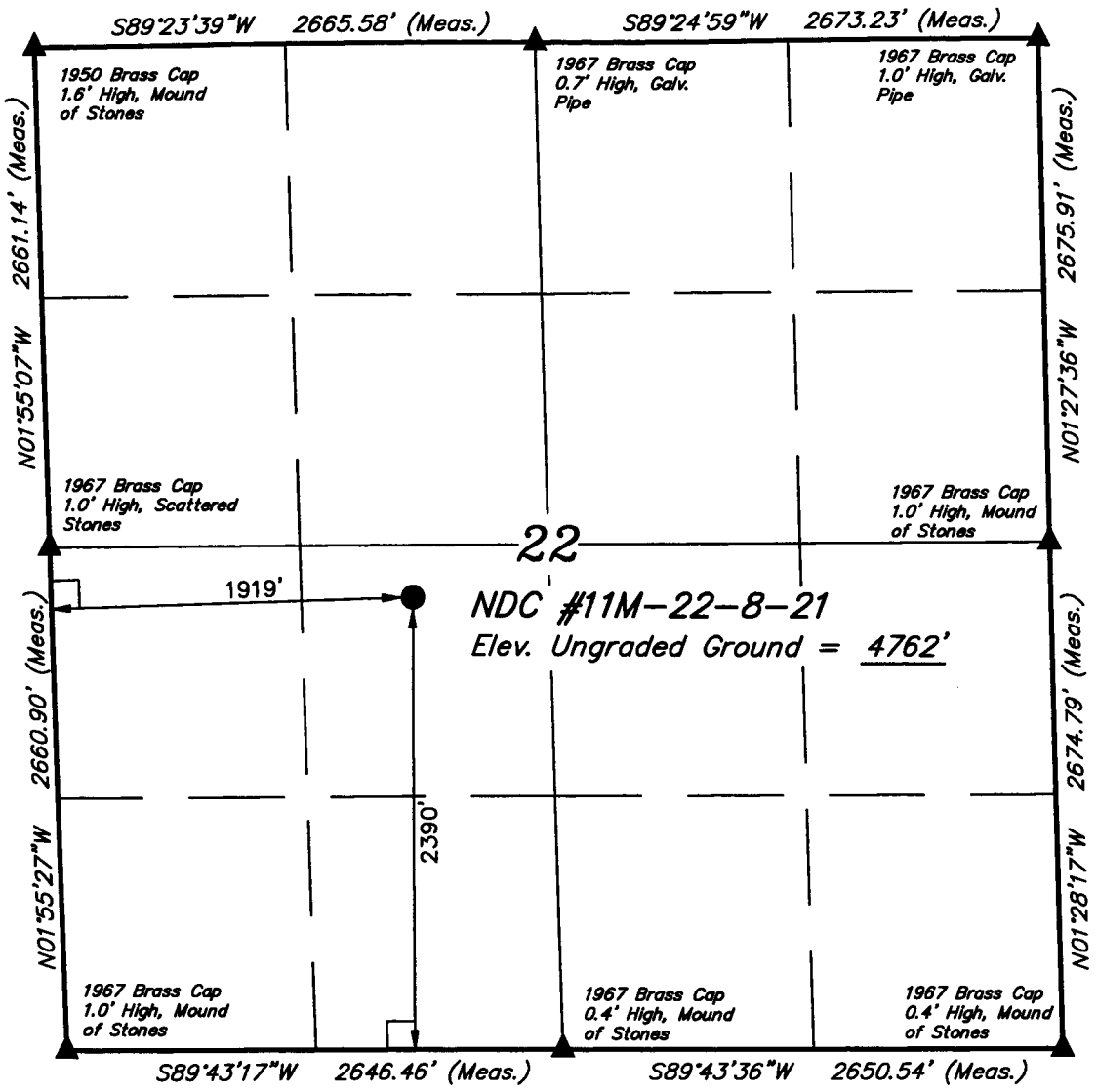
Additional Operator Remarks (see next page)

RECEIVED
FEB 18 2003
DIV. OF OIL, GAS & MINING

Electronic Submission #18512 verified by the BLM Well Information System
For SHENANDOAH ENERGY INC., sent to the Vernal

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

T8S, R21E, S.L.B.&M.

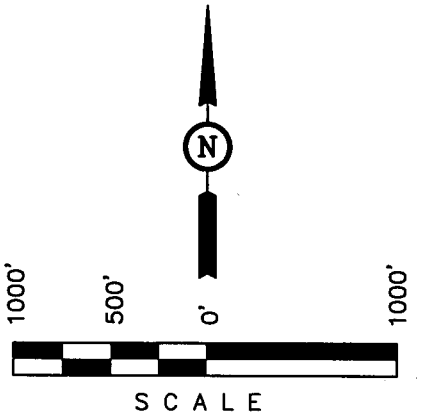


SHENADOAH ENERGY, INC.

Well location, NDC #11M-22-8-21, located as shown in the NE 1/4 SW 1/4 of Section 22, T8S, R21E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161395
STATE OF UTAH

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(NAD 83)
LATITUDE = 40°06'29.14" (40.108094)
LONGITUDE = 109°32'34.42" (109.542894)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE: 1" = 1000'	DATE SURVEYED: 02-03-03	DATE DRAWN: 02-05-03
PARTY: J.F. A.F. D.R.B.	REFERENCES: G.L.O. PLAT	
WEATHER: COLD	FILE: SHENANDOAH ENERGY, INC.	

002

SHENANDOAH ENERGY INC.
NORTH DUCK CREEK 11M-22-8-21
2390' FSL, 1919' FWL
NESW, SECTION 22, T8S, R21E, SLB&M
UINTAH COUNTY, UTAH
LEASE UTU-68219

ONSHORE ORDER NO. 1

MULTI – POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

The proposed well site is approximately 8 miles West of Ouray, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

There will be no improvements made to existing access roads.

2. **Planned Access Roads:**

Refer to Topo Map B for the location of the proposed access road.
New access roads on BLM surface will be 30' in width crowned (2 to 3%), ditched, and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet. Graveling or capping the road bed will be performed as necessary to provide a well constructed, safe road. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

3. **Location of Existing Wells Within a 1 – Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

Refer to Topo Map D for the location of the proposed pipeline.

A containment dike will be constructed completely around those production facilities which contains fluids (I.e., production tanks, produced water tanks). These dikes will be constructed of compacted impervious subsoil; hold 110% of the capacity of the largest tank; and, be independent of the back cut. If a Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded to meet SPCC requirements with approval by the BLM/VFO AO. The use of topsoil of the construction of dikes will not be allowed. All loading lines will be placed inside the berm surrounding tank battery. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Desert Tan (174/FEB 141) unless the BLM/VFO AO determines that another color shall be used. Surface pipeline will be 3" zaplocked steel surface line. Pipeline will be zaplocked on location and than pulled into place using a rubber tired tractor.

5. **Location and Type of Water Supply:**

Fresh water for drilling purposes will be obtained from Wonsits Valley Water Right #36125, or Red Wash Right #49-2153.

6. **Source of Construction Materials:**

Surface and subsoil materials in the immediate area will be utilized. Any gravel will be obtained from a commercial source. The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2-3.

7. **Methods of Handling Waste Materials:**

Drill cuttings will be contained and buried in the reserve pit. Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility with 120 days after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

After first production, produced wastewater will be confined to the approved pit or storage tank for a period not to exceed 90 days. During the 90 day period, in accordance with Onshore Order #7, all produced water will be contained in tanks on location and then hauled to Wonsits Valley location in SWNW section 12, T8S, R21E; or Red Wash Disposal Well located in NESW, Section 28, T7S, R22E; or, Red Wash Central Battery Disposal located in SWSE, Section 27, T7S, R23E. Pit reclamation for lined pit will be ruptured when emptied to allow the remaining liquid to be adequately mixed and to promote additional drying of the pit area.

8. **Ancillary Facilities:**

None anticipated.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

10. **Plans for Reclamation of the Surface:**

Topsoil will be stripped and salvaged to provide for sufficient quantities to be respread to a depth of at least 4 to 6 inches over the disturbed areas to be reclaimed. Topsoil shall be stock piled separately from subsoil materials. Topsoil salvaged from the reserve pit shall be stockpiled separately near the reserve pit. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production. Alternatively, the pit will be pumped dry, the liner folded into the pit, and the pit backfilled. The reserve pit will be reclaimed within 120 days from the date of well completion, weather permitting.

11. **Surface Ownership:**

The well pad and access road are located on lands owned by:

Ute Tribe
PO Box 190
FT. Duchesne, UT 84026
(435) 722-5141

12. **Other Information**

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

ONSHORE OIL & GAS ORDER NO. 1
Shenandoah Energy Inc.
NDC 11M-22-8-21

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

Formation	Depth	Prod. Phase Anticipated
Uinta	Surface	
Green River	2380'	
Mahongy	3120'	
Wasatch	5735'	
Mesa Verde	8685'	
Black Hawk	11450'	
Mancos B	12265'	
TD	12600'	

2. Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas. Or other mineral bearing formations are expected to be encountered are as follows:

Substance	Formation	Depth
Oil/Gas	Mancos	12600'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

ONSHORE OIL & GAS ORDER NO. 1
Shenandoah Energy Inc.
NDC 11M-22-8-21

DRILLING PROGRAM

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right #36125 or where possible a fresh water line (poly pipe) will be laid in the access road to each location to supply fresh water for drilling purposes.

3. Operator's Specification for Pressure Control Equipment:

A. 5,000 psi W.P. Double Gate BOP or Single Gate BOP (schematic attached)

B. Functional test daily

C. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.

D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing whichever is less. Tests shall be done at the time of installation, prior to drilling out and weekly. All tests shall be for a period of 15 minutes

4. Casing Program

	Depth	Hole Size	Csg Size	Type	Weight
Surface	700'	17-1/2"	13-3/8"	H-40	48lb/ft (new) ST&C
Intermediate	4400'	12 –1/4"	9-5/8"	N-80	40lb/ft (new) LT&C
Intermediate	5857'	12 –1/4"	9- 5/8"	S-95	40lb/ft (new) LT&C
Production (new)LT&C	11400'	8 –1/2"	4 –1/2"	HCP-110seamless 11.6lb/ft	
Production LT&C	12750' -	8 –1/2"	4 –1/2"	P-110 seamless 13.5lb/ft (new)	

5. Auxiliary Equipment

A. Kelly Cock – yes

B. Float at the bit – no

C. Monitoring equipment on the mud system – visually

DRILLING PROGRAM

5. Auxiliary Equipment

A. Kelly Cock – yes

B. Float at the bit – no

C. Monitoring equipment on the mud system – visually

D. Full opening safety valve on the rig floor – yes

E. Rotating Head – yes

F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.

G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').

H. Compressor shall be tied directly to the blooie line through a manifold.

I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

6. Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 9.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

DRILLING PROGRAM

6. Testing, logging and coring program

A. Cores – none anticipated

B. DST – none anticipated

Logging – Mud logging – 4500 to TD
GR-SP-Induction
Neutron Density
MRI

C. Formation and Completion Interval: Mancos interval, final determination 0f completion will be made by analysis of logs.
Stimulation – Stimulation will be designed for the particular area of interest as encountered.

7. Cementing Program

Casing	Volume	Type & Additives

See attached cement program

*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H2S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 5040.0 psi. Maximum anticipated bottom hole temperature is 140° F.

Under the Federal regulations in effect as of June 15, 1988, an operator is now required to submit a self-certification statement to the appropriate Bureau office stating that said operator has the right to operate upon the leasehold premises. Said notification may be in the following format:

> "Please be advised that SHENANDAOH ENERGY is considered to be the operator of Well No. NDSD 11M-22-8-21 1/4 NESW 1/4, Section 22 Township 8S, Range 21E Lease UTU-68219; UINTAH County, UT; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by UT-1237."

1237

Additional Operator Remarks:

Shenandoah Energy Inc. proposes to drill a well to 12,750' to test the Mancos. If productive casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

See 8-point drilling program.

See Onshore Order No. 1 attached.

Please be advised that Shenandoah Energy Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. UT-1237. The principal is Shenandoah Energy via surety as consent as provided for the 43 CFR 3104.2.

Lessee's or Operator's Representative:

John Busch
Red Wash Operations Rep.
Shenandoah Energy Inc.
11002 East 17500 South
Vernal, Utah 84078
(435) 781-4341

Certification:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

Shenandoah Energy Inc. will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Shenandoah Energy Inc. its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

John Busch
John Busch
Red Wash Operations Representative

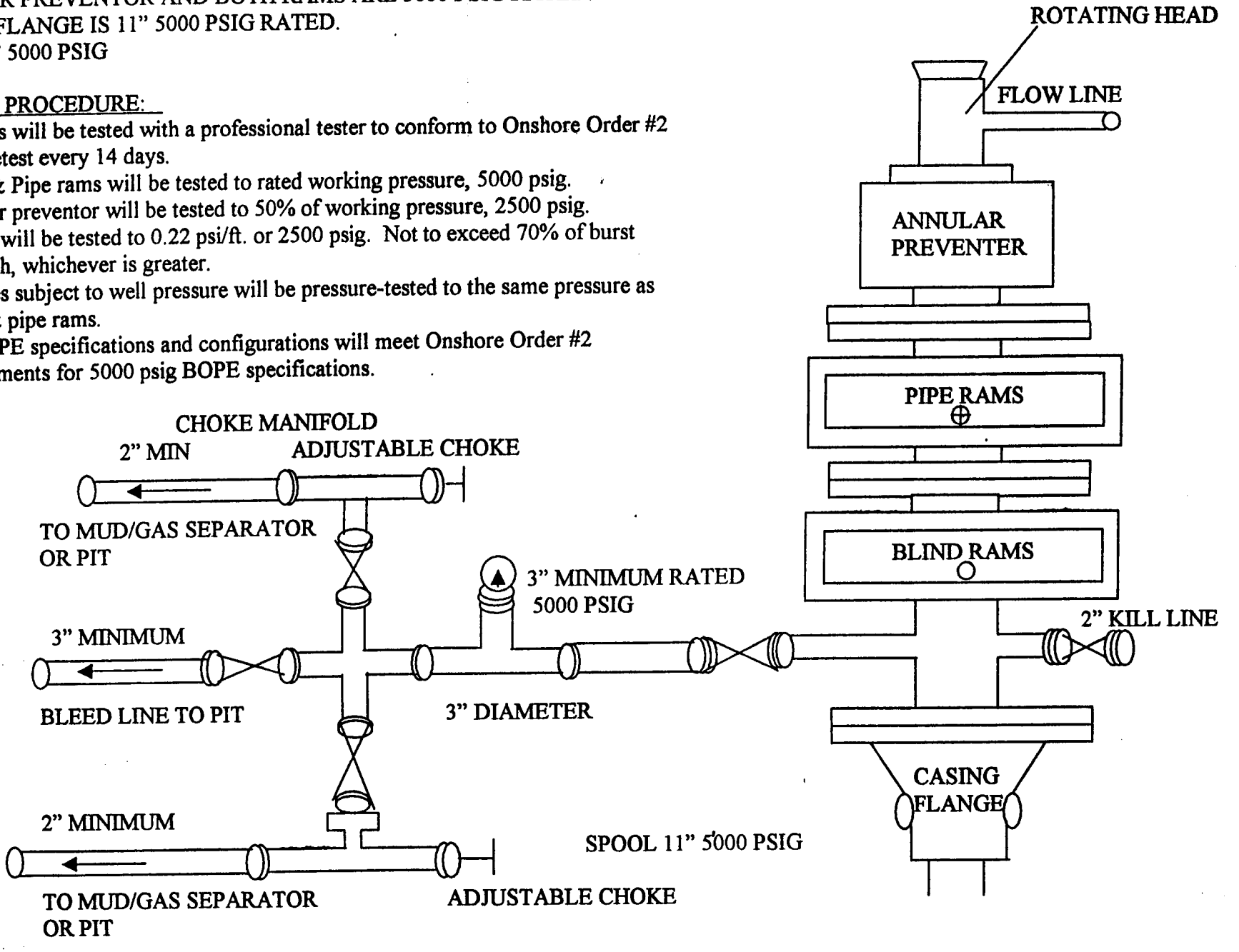
February 13, 2003
Date

5000 PSIG DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 5000 PSIG RATED.
CASING FLANGE IS 11" 5000 PSIG RATED.
BOPE 11" 5000 PSIG

TESTING PROCEDURE:

1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind & Pipe rams will be tested to rated working pressure, 5000 psig.
3. Annular preventor will be tested to 50% of working pressure, 2500 psig.
4. Casing will be tested to 0.22 psi/ft. or 2500 psig. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 5000 psig BOPE specifications.



Shenandoah Energy Inc.
475 17th Street, Suite 1000
Denver, Colorado 80202

NDC 11M 22-8-21

Uintah County, Utah
United States of America

Cementing Recommendation

Prepared for: Mr. Darryl Knopp
February 13, 2003
Version: 1

Submitted by:
Rob Kruger
Halliburton Energy Services
Vernal Ut Us
1085 E Main
Vernal, Utah 84078
+435.789.2550

HALLIBURTON

Halliburton appreciates the opportunity to present this proposal and looks forward to being of service to you.

Foreword

Enclosed is our recommended procedure for cementing the casing strings in the referenced well. The information in this proposal includes well data, calculations, materials requirements, and cost estimates. This proposal is based on information from our field personnel and previous cementing services in the area.

Halliburton Energy Services recognizes the importance of meeting society's needs for health, safety, and protection of the environment. It is our intention to proactively work with employees, customers, the public, governments, and others to use natural resources in an environmentally sound manner while protecting the health, safety, and environmental processes while supplying high quality products and services to our customers.

We appreciate the opportunity to present this proposal for your consideration and we look forward to being of service to you. Our Services for your well will be coordinated through the Service Center listed below. If you require any additional information or additional designs, please feel free to contact myself or our field representative listed below.

Prepared by: _____
John Jorgensen
Procedure Analyst

Submitted by: _____
Rob Kruger
Technical Advisor

SERVICE CENTER: Vernal Utah
SERVICE COORDINATOR: Dale Horrald
OPER. ENGINEER: Mike Stahl
PHONE NUMBER:(800)874-2550

HALLIBURTON

Job Information — *13 3/8" Surface*

NDC 11M 22-8-21

Well Intervals:

17 1/2" Open Hole		0 - 700 ft (MD)
		0 - 700 ft (TVD)
	Inner Diameter	17.500 in
	Job Excess	50 %
13 3/8" Surface		0 - 700 ft (MD)
		0 - 700 ft (TVD)
	Outer Diameter	13.375 in
	Inner Diameter	12.615 in
	Linear Weight	54.50 lbm/ft
	Job Excess	0 %

Spacer:

Total Spacer	= 112.29 ft^3
	= 20.00 bbl

Cement : (700.00 ft fill)

700.00 ft * 0.6946 ft^3/ft * 50 %	= 729.37 ft^3
Primary Cement	= 729.37 ft^3
	= 129.91 bbl

Shoe Joint Volume: (42.00 ft fill)

42.00 ft * 0.868 ft^3/ft	= 36.45 ft^3
	= 6.49 bbl
Tail plus shoe joint	= 765.82 ft^3
	= 136.40 bbl
Total Tail	= 649 sks

Total Pipe Capacity:

700.00 ft * 0.868 ft^3/ft	= 607.58 ft^3
	= 108.21 bbl

Displacement Volume to Shoe Joint:

Capacity of Pipe - Shoe Joint	= 108.21 bbl - 6.49 bbl
	= 101.72 bbl

Fluid Instructions

Fluid 1: Water Based Spacer

Gel Water Ahead

Fluid Density:	8.40 lbm/gal
Fluid Volume:	20 bbl

Fluid 2: Primary Cement

Premium Plus Cement

94 lbm/sk	Premium Plus Cement (Cement-api)	
2 %	Calcium Chloride (Accelerator)	
0.25 lbm/sk	Flocele (Lost Circulation Additive)	

Fluid Weight	15.60 lbm/gal
Slurry Yield:	1.18 ft^3/sk
Total Mixing Fluid:	5.25 Gal/sk
Top of Fluid:	0 ft
Calculated Fill:	700 ft
Volume:	136.40 bbl
Calculated Sacks:	649.00 sks
Proposed Sacks:	650 sks

Fluid 3: Water Spacer

Displacement

Fluid Density:	8.33 lbm/gal
Fluid Volume:	101.72 bbl

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Gel Water Ahead	8.4	3.0	20 bbl
2	Cement	Premium Plus V	15.6	3.0	650 sks
3	Spacer	Displacement	8.3	3.0	101.72 bbl

HALLIBURTON

Cost Estimate

13 3/8" Surface

SAP Quote #0

Mtrl Nbr	Description	Qty	U/M	Unit Price	Gross Amt	Discount	Net Amt
7521	PSL - CMT SURFACE CASING - BOM	1	JOB	0.00	0.00	47%	0.00
1	"ZI-MILEAGE FROM NEAREST HES BASE,/UNIT"	80	MI	4.41	352.80	47%	186.98
	Number of Units	1					
2	MILEAGE FOR CEMENTING CREW,ZI	80	MI	2.60	208.00	47%	110.24
	Number of Units	1					
16091	ZI - PUMPING CHARGE	1	EA	2,405.00	2,405.00	47%	1,274.65
	DEPTH	700					
	FEET/METRES (FT/M)	FT					
	Equipment & Services						
	SubTotal			**USD**	**2,965.80**	**47.0%**	**1,571.87**
100003167	PLUG - CMTG - TOP PLASTIC - 13-3/8	1	EA	510.00	510.00	47%	270.30
100005048	HOWCO GEL	4	SK	26.44	105.76	47%	56.05
100003684	PREMIUM PLUS V CEMENT	650	SK	17.58	11,427.00	47%	6,056.31
100005053	CALCIUM CHLORIDE	16	SK	122.40	1,958.40	47%	1,037.95
100005049	FLOCELE	163	LB	2.71	441.73	47%	234.12
76400	ZI MILEAGE,CMT MTLS DEL/RET MIN	40	MI	1.51	1,886.90	47%	1,000.05
	NUMBER OF TONS	31.24					
3965	HANDLE&DUMP SVC CHRG, CMT&ADDITIVES,ZI	680	CF	2.47	1,679.60	47%	890.19
	NUMBER OF EACH	1					
	Materials						
	SubTotal			**USD**	**18,009.39**	**47.0%**	**9,544.97**
100004730	SHOE,GID,13 3/8 8RD,CEM	1	EA	489.00	489.00	42%	283.62
100004705	V ASSY,INSR FLOAT,13 3/8,8RD	1	EA	689.00	689.00	42%	399.62
100004631	CLAMP - LIMIT - 13-3/8 - HINGED -	1	EA	38.00	38.00	42%	22.04
100004487	CENTRALIZER-13 3/8"-CSG-17 1/2"-HINGED	8	EA	186.90	1,495.20	42%	867.22
100005045	HALLIBURTON WELD-A KIT	1	EA	18.43	18.43	42%	10.69
	Float Equipment						
	SubTotal			**USD**	**2,729.63**	**42.0%**	**1,583.19**
7	ENVIRONMENTAL SURCHARGE,/JOB,ZI	1	JOB	66.24	66.24		66.24
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	39.74	39.74		39.74
	Surcharges						
	SubTotal			**USD**	**105.98**	**0.0%**	**105.98**
	Total			**USD**			**23,810.80**
	Discount			**USD**			**11,004.78**
	Discounted Total			**USD**			**12,806.01**

Primary Plant: VERNAL, UT, USA
Secondary Plant: VERNAL, UT, USA

Price Book Ref: 01 Western US
Price Date: 4/1/2001

HALLIBURTON

Job Information — 9 5/8" Intermediate

NDC 11M 22-8-21

Well Intervals:

13 3/8" Surface		0 - 700 ft (MD)
		0 - 700 ft (TVD)
	Outer Diameter	13.375 in
	Inner Diameter	12.615 in
	Linear Weight	54.50 lbm/ft
	Job Excess	0 %
12 1/4" Open Hole		700 - 5857 ft (MD)
		700 - 5857 ft (TVD)
	Inner Diameter	12.250 in
	Job Excess	50 %
9 5/8" Intermediate		0 - 5857 ft (MD)
		0 - 5857 ft (TVD)
	Outer Diameter	9.625 in
	Inner Diameter	8.921 in
	Job Excess	0 %

Spacer:

Total Spacer	= 168.44 ft^3
	= 30.00 bbl

Cement : (3857.00 ft fill)

700.00 ft * 0.3627 ft^3/ft * 0 %	= 253.88 ft^3
3157.00 ft * 0.3132 ft^3/ft * 50 %	= 1483.10 ft^3
Total Lead Cement	= 1736.98 ft^3
	= 309.37 bbl
Sacks of Cement	= 455 sks

Cement : (2000.00 ft fill)

2000.00 ft * 0.3132 ft^3/ft * 50 %	= 939.56 ft^3
Tail Cement	= 939.56 ft^3
	= 167.34 bbl

Shoe Joint Volume: (42.00 ft fill)

42.00 ft * 0.4341 ft^3/ft	= 18.23 ft^3
	= 3.25 bbl
Tail plus shoe joint	= 957.79 ft^3
	= 170.59 bbl
Total Tail	= 764 sks

Total Pipe Capacity:

5857.00 ft * 0.4341 ft^3/ft	= 2542.32 ft^3
	= 452.80 bbl

Displacement Volume to Shoe Joint:

Capacity of Pipe - Shoe Joint	= 452.80 bbl - 3.25 bbl
	= 449.56 bbl

Fluid Instructions

Fluid 1: Water Spacer
Water Ahead

Fluid Density:	8.33 lbm/gal
Fluid Volume:	30 bbl

Fluid 2: Lead Cement
Halliburton Hi-Fill

Fluid Weight	11 lbm/gal
Slurry Yield:	3.82 ft^3/sk
Total Mixing Fluid:	22.92 Gal/sk
Top of Fluid:	0 ft
Calculated Fill:	3857 ft
Volume:	309.37 bbl
Calculated Sacks:	454.71 sks
Proposed Sacks:	455 sks

Fluid 3: Tail Cement
50/50 Poz Premium AG

2 % Total	Bentonite (Light Weight Additive)
5 %	Salt (Accelerator)
0.4 %	Halad(R)-322 (Low Fluid Loss Control)
0.25 lbm/sk	Flocele (Lost Circulation Additive)

Fluid Weight	14.20 lbm/gal
Slurry Yield:	1.25 ft^3/sk
Total Mixing Fluid:	5.56 Gal/sk
Top of Fluid:	3857 ft
Calculated Fill:	2000 ft
Volume:	170.59 bbl
Calculated Sacks:	764.40 sks
Proposed Sacks:	765 sks

Fluid 4: Water Spacer
Displacement

Fluid Density:	8.33 lbm/gal
Fluid Volume:	449.56 bbl

Fluid 5: Top Out Cement
Premium Plus V Cement

2 %	Calcium Chloride (Accelerator) (On The Side)

Fluid Weight	15.60 lbm/gal
Slurry Yield:	1.18 ft^3/sk
Total Mixing Fluid:	5.26 Gal/sk
Proposed Sacks:	200 sks

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Water Ahead	8.3	5.0	30 bbl
2	Cement	Hi Fill	11.0	5.0	455 sks
3	Cement	50/50 Poz	14.2	5.0	765 sks
4	Spacer	Displacement	8.3	5.0	449.56 bbl
5	Cement	Premium Plus V	15.6		200 sks

HALLIBURTON

Cost Estimate — 9 5/8" Intermediate

SAP Quote #0

Mtrl Nbr	Description	Qty	U/M	Unit Price	Gross Amt	Discount	Net Amt
7522	PSL - CMT INTERMEDIATE CASING - BOM	1	JOB	0.00	0.00	47%	0.00
1	"ZI-MILEAGE FROM NEAREST HES BASE,/UNIT"	80	MI	4.41	705.60	47%	373.97
	Number of Units	2					
2	MILEAGE FOR CEMENTING CREW,ZI	80	MI	2.60	208.00	47%	110.24
	Number of Units	1					
16091	ZI - PUMPING CHARGE	1	EA	3,556.00	3,556.00	47%	1,884.68
	DEPTH	5857					
	FEET/METRES (FT/M)	FT					
16115	FIELD STORAGE BIN ON SITE >8 HRS,DAY,ZI	1	EA	320.00	320.00	47%	169.60
	DAYS OR PARTIAL DAY(WHOLE NO.)	1					
139	ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB	1,109.00	1,109.00	47%	587.77
	NUMBER OF UNITS	1					
132	PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI	1	JOB	916.00	916.00	47%	485.48
	NUMBER OF DAYS	1					
	Equipment & Services						
	SubTotal			**USD**	**6,814.60**	**47.0%**	**3,611.74**
100003164	PLUG - CMTG - TOP PLASTIC - 9-5/8	1	EA	239.00	239.00	47%	126.67
21832	HALLIBURTON HI-FILL	455	SK	29.43	13,390.65	47%	7,097.04
12302	SBM 50-50 POZ (PREMIUM)	765	SK	14.35	10,977.75	47%	5,818.21
100003652	SALT	1773	LB	0.22	390.06	47%	206.73
100003646	HALAD(R)-322	252	LB	9.21	2,320.92	47%	1,230.09
100005049	FLOCELE	192	LB	2.71	520.32	47%	275.77
100003684	PREMIUM PLUS V (TOP OUT SIDE)	200	SK	17.58	3,516.00	47%	1,863.48
100005053	CALCIUM CHLORIDE (TOP OUT)	5	SK	122.40	612.00	47%	324.36
76400	ZI MILEAGE,CMT MTLS DEL/RET MIN	40	MI	1.51	4,281.15	47%	2,269.01
	NUMBER OF TONS	70.88					
3965	HANDLE&DUMP SVC CHRG, CMT&ADDITIVES,ZI	1735	CF	2.47	4,285.45	47%	2,271.29
	NUMBER OF EACH	1					
	Materials						
	SubTotal			**USD**	**40,533.30**	**47.0%**	**21,482.65**
100004728	SHOE,GID,9-5/8 8RD	1	EA	346.00	346.00	42%	200.68
100004823	CLR,FLOAT,9-5/8 8RD,29.3-40#/FT,2 3/4	1	EA	792.00	792.00	42%	459.36
100004629	COLLAR-STOP-9 5/8"-FRICTION-HINGED	1	EA	30.00	30.00	42%	17.40
100004485	CENTRALIZER-9-5/8"-CSG-12 1/4"-HINGED	12	EA	98.70	1,184.40	42%	686.95
100005045	HALLIBURTON WELD-A KIT	2	EA	18.43	36.86	42%	21.38
	Float Equipment						
	SubTotal			**USD**	**2,389.26**	**42.0%**	**1,385.77**
7	ENVIRONMENTAL SURCHARGE,/JOB,ZI	1	JOB	66.24	66.24		66.24
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	39.74	39.74		39.74
	Surcharges						
	SubTotal			**USD**	**105.98**	**0.0%**	**105.98**
	Total			**USD**			**49,843.14**

HALLIBURTON

Mtrl Nbr	Description	Qty	U/M	Unit Price	Gross Amt	Discount	Net Amt
	Discount			**USD**			**23,257.00**
	Discounted Total			**USD**			**26,586.14**

Primary Plant: VERNAL, UT, USA
Secondary Plant: VERNAL, UT, USA

Price Book Ref: 01 Western US
Price Date: 4/1/2001

HALLIBURTON

Job Information — 4 1/2" Production

NDC 11M 22-8-21

Well Intervals:

9 5/8" Intermediate		0 - 5857 ft (MD)
		0 - 5857 ft (TVD)
	Outer Diameter	9.625 in
	Inner Diameter	8.921 in
	Job Excess	0 %
7 7/8" Open Hole		5857 - 12750 ft (MD)
		5857 - 12750 ft (TVD)
	Inner Diameter	7.875 in
	Job Excess	25 %
4 1/2" Production		0 - 12750 ft (MD)
		0 - 12700 ft (TVD)
	Outer Diameter	4.500 in
	Inner Diameter	4.000 in
	Linear Weight	11.60 lbm/ft
	Job Excess	0 %

Spacer:

347.00 ft * 0.3236 ft^3/ft * 0 %	= 112.30 ft^3
Total Spacer	= 112.29 ft^3
	= 20.00 bbl

Spacer:

173.00 ft * 0.3236 ft^3/ft * 0 %	= 55.99 ft^3
Total Spacer	= 56.15 ft^3
	= 10.00 bbl

Cement : (7393.00 ft fill)

500.00 ft * 0.3236 ft^3/ft * 0 %	= 161.81 ft^3
6893.00 ft * 0.2278 ft^3/ft * 25 %	= 1962.75 ft^3
Primary Cement	= 2124.56 ft^3
	= 378.40 bbl

Shoe Joint Volume: (42.00 ft fill)

42.00 ft * 0.0873 ft^3/ft	= 3.67 ft^3
	= 0.65 bbl
Tail plus shoe joint	= 2128.22 ft^3
	= 379.05 bbl
Total Tail	= 1656 sks

Total Pipe Capacity:

12750.00 ft * 0.0873 ft^3/ft	= 1112.65 ft^3
	= 198.17 bbl

Displacement Volume to Shoe Joint:

Capacity of Pipe - Shoe Joint	= 198.17 bbl - 0.65 bbl
	= 197.52 bbl

Fluid Instructions

Fluid 1: Reactive Spacer
Super Flush

Fluid Density:	9.20 lbm/gal
Fluid Volume:	20 bbl

Fluid 2: Water Spacer
Water Spacer

Fluid Density:	8.33 lbm/gal
Fluid Volume:	10 bbl

Fluid 3: Primary Cement
50/50 Poz Premium AG

2 % Total	Bentonite (Light Weight Additive)	Fluid Weight	14.20 lbm/gal
0.6 %	Halad(R)-322 (Low Fluid Loss Control)	Slurry Yield:	1.28 ft^3/sk
0.2 %	HR-5 (Expander)	Total Mixing Fluid:	5.70 Gal/sk
5 %	Salt (Salt)BWOW	Top of Fluid:	5357 ft
0.25 lbm/sk	Flocele (Lost Circulation Additive)	Calculated Fill:	7393 ft
0.3 %	Super CBL (Expander)	Volume:	379.05 bbl
2 %	Microbond (Expander)	Calculated Sacks:	1656.20 sks
		Proposed Sacks:	1660 sks

Fluid 4: Water Spacer
Displacement

Fluid Density:	8.33 lbm/gal
Fluid Volume:	197.52 bbl

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Super Flush	9.2	5.0	20 bbl
2	Spacer	Water Spacer	8.3	5.0	10 bbl
3	Cement	50/50 Poz	14.2	5.0	1660 sks
4	Spacer	Displacement	8.3	5.0	197.52 bbl

HALLIBURTON

Cost Estimate — 4 1/2" Production

SAP Quote #0

Mtrl Nbr	Description	Qty	U/M	Unit Price	Gross Amt	Discount	Net Amt
7523	PSL - CMT PRODUCTION CASING - BOM	1	JOB	0.00	0.00	47%	0.00
1	"ZI-MILEAGE FROM NEAREST HES BASE,/UNIT"	80	MI	4.41	705.60	47%	373.97
	Number of Units	2					
2	MILEAGE FOR CEMENTING CREW,ZI	80	MI	2.60	208.00	47%	110.24
	Number of Units	1					
16091	ZI - PUMPING CHARGE	1	EA	10,687.00	10,687.00	47%	5,664.11
	DEPTH	12750					
	FEET/METRES (FT/M)	FT					
132	PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI	1	JOB	916.00	916.00	47%	485.48
	NUMBER OF DAYS	1					
139	ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB	1,109.00	1,109.00	47%	587.77
	NUMBER OF UNITS	1					
16115	FIELD STORAGE BIN ON SITE >8 HRS,DAY,ZI	1	EA	320.00	320.00	47%	169.60
	DAYS OR PARTIAL DAY(WHOLE NO.)	1					
	Equipment & Services						
	SubTotal			**USD**	**13,945.60**	**47.0%**	**7,391.17**
100003140	PLUG - CMTG - TOP ALUM - 4-1/2	1	EA	110.00	110.00	47%	58.30
100003639	SUPER FLUSH	20	SK	147.76	2,955.20	47%	1,566.26
12302	SBM 50-50 POZ (PREMIUM AG)	1660	SK	14.35	23,821.00	47%	12,625.13
100003652	SALT	3941	LB	0.22	867.02	47%	459.52
100005050	HR-5	274	LB	5.39	1,476.86	47%	782.74
100003646	HALAD(R)-322	820	LB	9.21	7,552.20	47%	4,002.67
100005049	FLOCELE	415	LB	2.71	1,124.65	47%	596.06
100003668	SUPER CBL	410	LB	35.26	14,456.60	47%	7,662.00
100003669	MICROBOND	2731	LB	1.41	3,850.71	47%	2,040.88
76400	ZI MILEAGE,CMT MTLS DEL/RET MIN	40	MI	1.51	4,465.37	47%	2,366.65
	NUMBER OF TONS	73.93					
3965	HANDLE&DUMP SVC CHRG, CMT&ADDITIVES,ZI	1872	CF	2.47	4,623.84	47%	2,450.64
	NUMBER OF EACH	1					
	Materials						
	SubTotal			**USD**	**65,303.45**	**47.0%**	**34,610.85**
100004879	SHOE-FLOAT- 4-1/2 8RD - 2-3/4 SUPER	1	EA	292.00	292.00	42%	169.36
100004752	COLLAR-FLOAT- 4-1/2 8RD 9.5-13.5#/FT -	1	EA	341.00	341.00	42%	197.78
100004622	CLAMP - LIMIT - 4-1/2 - HINGED -	1	EA	21.00	21.00	42%	12.18
100004473	CENTRALIZER ASSY - API - 4-1/2 CSG X	25	EA	59.85	1,496.25	42%	867.82
100005045	HALLIBURTON WELD-A KIT	2	EA	18.43	36.86	42%	21.38
	Float Equipment						
	SubTotal			**USD**	**2,187.11**	**42.0%**	**1,268.52**
7	ENVIRONMENTAL SURCHARGE,/JOB,ZI	1	JOB	66.24	66.24		66.24
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	39.74	39.74		39.74
	Surcharges						
	SubTotal			**USD**	**105.98**	**0.0%**	**105.98**

HALLIBURTON

Mtrl Nbr	Description	Qty	U/M	Unit Price	Gross Amt	Discount	Net Amt
	Total			**USD**			**81,542.14**
	Discount			**USD**			**38,165.62**
	Discounted Total			**USD**			**43,376.52**

Primary Plant: VERNAL, UT, USA
Secondary Plant: VERNAL, UT, USA

Price Book Ref: 01 Western US
Price Date: 4/1/2001

Conditions

The cost in this analysis is good for the materials and/or services outlined within. These prices are based on Halliburton being awarded the work on a first call basis. Prices will be reviewed for adjustments if awarded on 2nd or 3rd call basis and/or after 30 days of this written analysis. This is in an effort to schedule our work and maintain a high quality of performance for our customers.

The unit prices stated in the proposal are based on our current published prices. The projected equipment, personnel, and material needs are only estimates based on information about the work presently available to us. At the time the work is actually performed, conditions then existing may require an increase or decrease in the equipment, personnel, and/or material needs. Charges will be based upon unit prices in effect at the time the work is performed and the amount of equipment, personnel, and/or material actually utilized in the work. Taxes, if any, are not included. Applicable taxes, if any, will be added to the actual invoice.

It is understood and agreed between the parties that with the exception of the subject discounts, all services performed and equipment and materials sold are provided subject to Halliburton's General Terms and Conditions contained in our current price list, (which include LIMITATION OF LIABILITY and WARRANTY provisions), and pursuant to the applicable Halliburton Work Order Contract (whether or not executed by you), unless a Master Service and/or Sales Contract applicable to the services, equipment, or materials supplied exists between your company and Halliburton, in which case the negotiated Master Contract shall govern the relationship between the parties. A copy of the latest version of our General Terms and Conditions is available from your Halliburton representative or at: http://www.halliburton.com/hes/general_terms_conditions.pdf for your convenient review, and we would appreciate receiving any questions you may have about them. Should your company be interested in negotiating a Master Contract with Halliburton, our Law Department would be pleased to work with you to finalize a mutually agreeable contract. In this connection, it is also understood and agreed that Customer will continue to execute Halliburton usual field work orders and/or tickets customarily required by Halliburton in connection with the furnishing of said services, equipment, and materials.
Any terms and conditions contained in purchase orders or other documents issued by the customer shall be of no effect except to confirm the type and quantity of services, equipment, and materials to be supplied to the customer.
If customer does not have an approved open account with Halliburton or a mutually executed written contract with Halliburton, which dictates payment terms different than those set forth in this clause, all sums due are payable in cash at the time of performance of services or delivery of equipment, products, or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice.

Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

SHENANDOAH ENERGY, INC.

NDC #11M-22-8-21

LOCATED IN UINTAH COUNTY, UTAH
SECTION 22, T8S, R21E, S.L.B.&M.

PHOTO: VIEW FROM LOCATION STAKE TO CORNER #1 **CAMERA ANGLE: SOUTHWESTERLY**

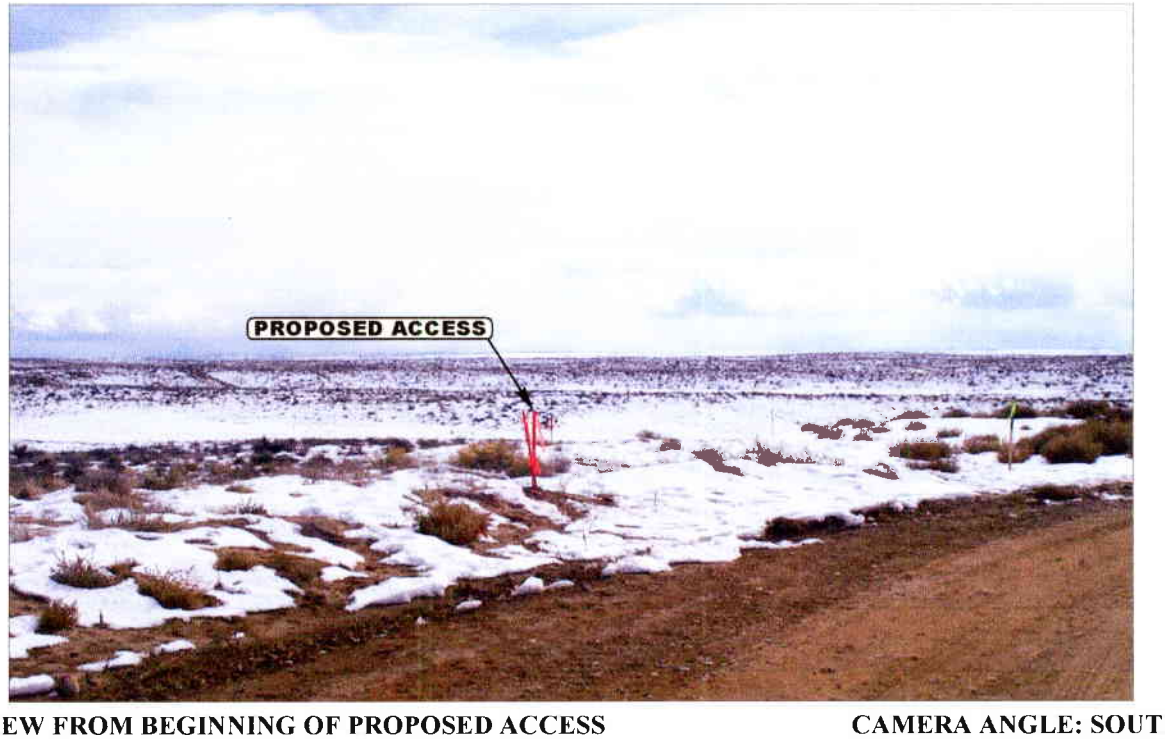


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: SOUTHERLY**

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

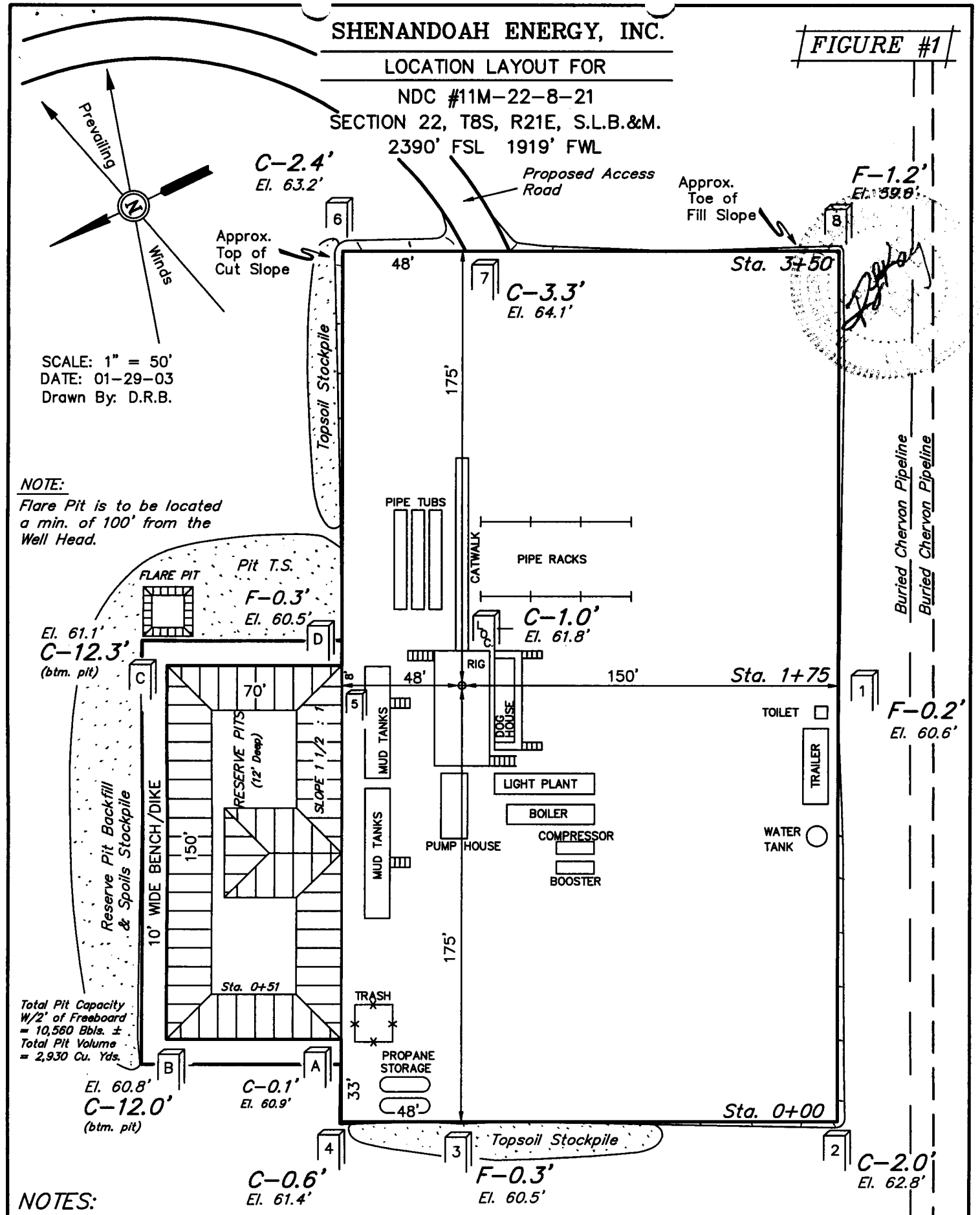
LOCATION PHOTOS	02 MONTH	05 DAY	03 YEAR	PHOTO
TAKEN BY: J.F.	DRAWN BY: P.M.	REVISED: 00-00-00		

SHENANDOAH ENERGY, INC.

LOCATION LAYOUT FOR

NDC #11M-22-8-21
SECTION 22, T8S, R21E, S.L.B.&M.
2390' FSL 1919' FWL

FIGURE #1



NOTES:

Elev. Ungraded Ground At Loc. Stake = 4761.8'
FINISHED GRADE ELEV. AT LOC. STAKE = 4760.8'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

SHENANDOAH ENERGY, INC.

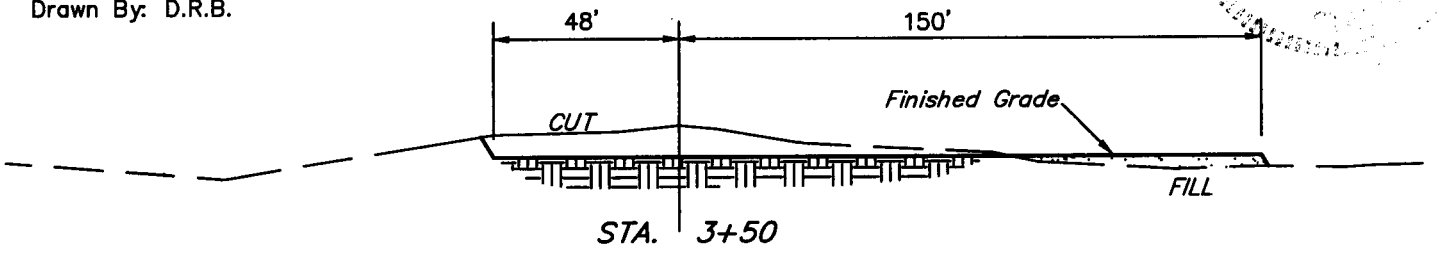
TYPICAL CROSS SECTIONS FOR

NDC #11M-22-8-21
SECTION 22, T8S, R21E, S.L.B.&M.
2390' FSL 1919' FWL

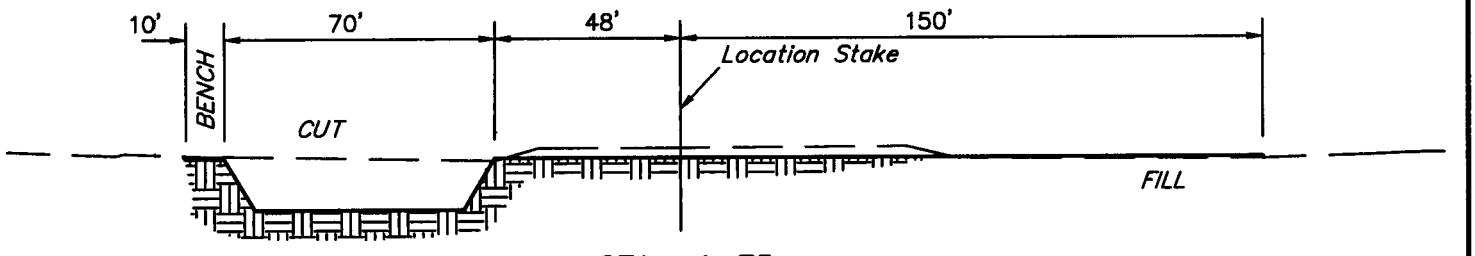
FIGURE #2

1" = 20'
X-Section Scale
1" = 50'

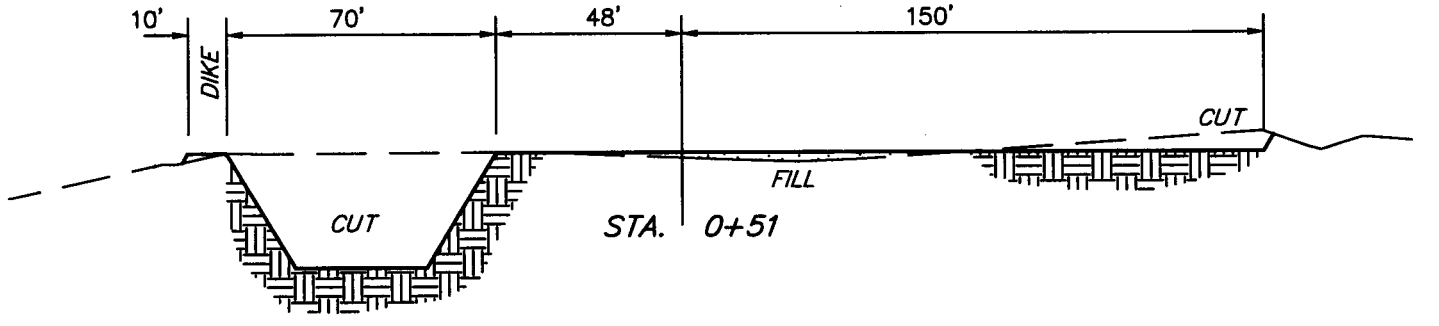
DATE: 01-29-03
Drawn By: D.R.B.



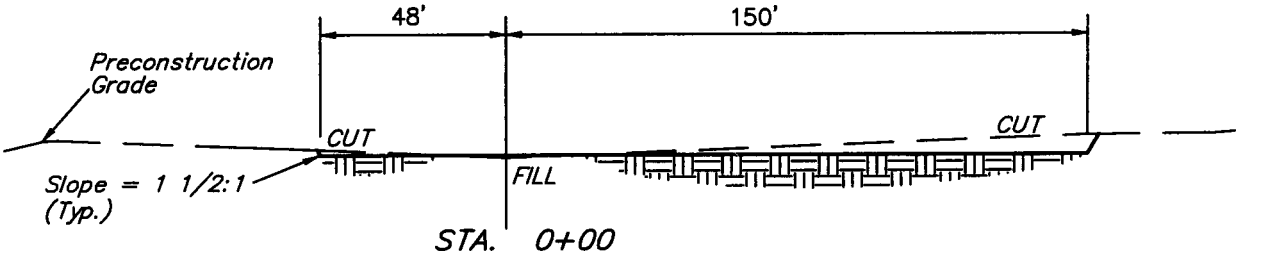
STA. 3+50



STA. 1+75



STA. 0+51



STA. 0+00

NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

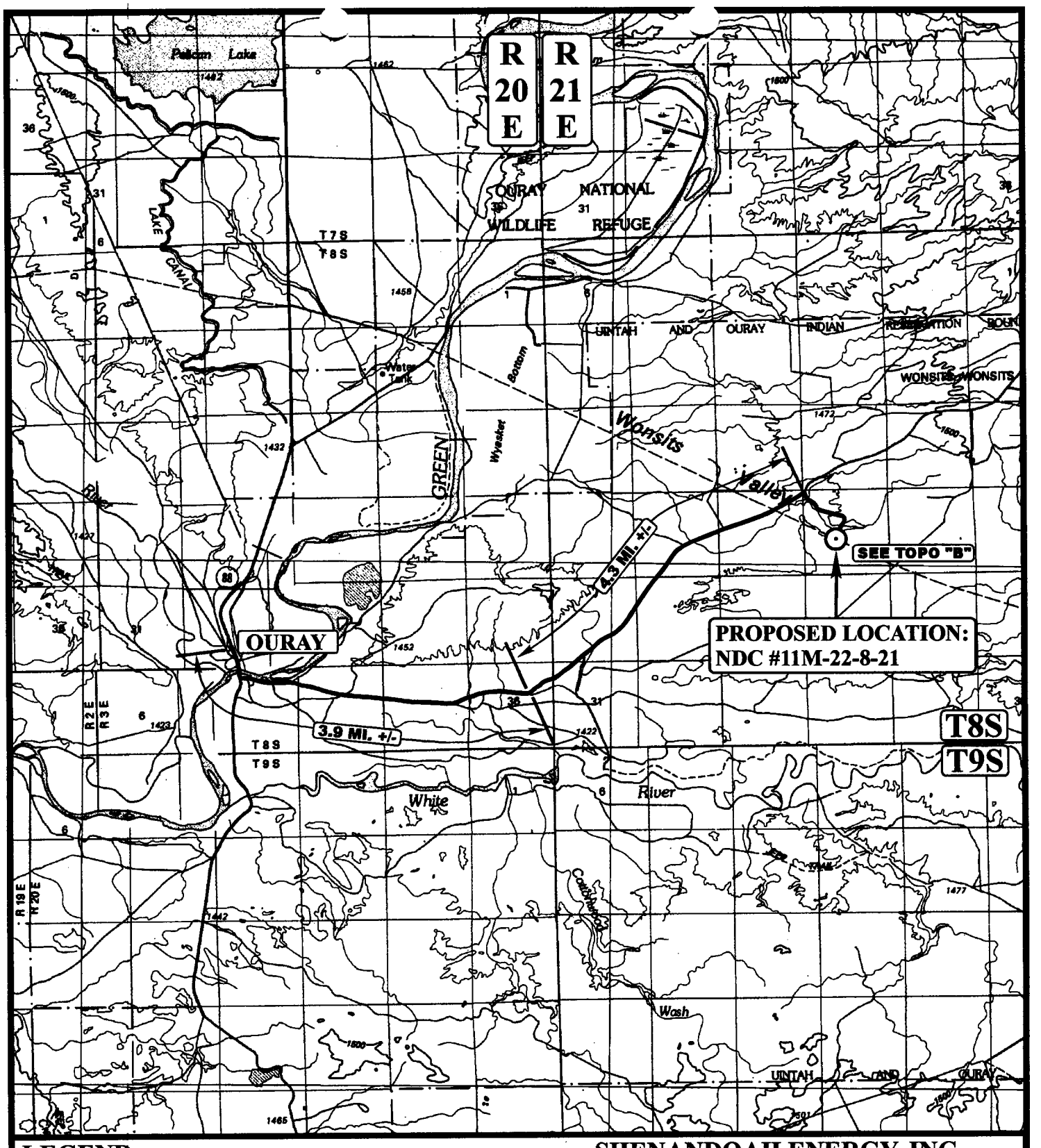
APPROXIMATE YARDAGES

CUT
(12") Topsoil Stripping = 3,070 Cu. Yds.
Remaining Location = 3,610 Cu. Yds.

TOTAL CUT = 6,680 CU.YDS.
FILL = 2,040 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION = 4,530 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = 4,530 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation) = 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



LEGEND:

⊙ PROPOSED LOCATION

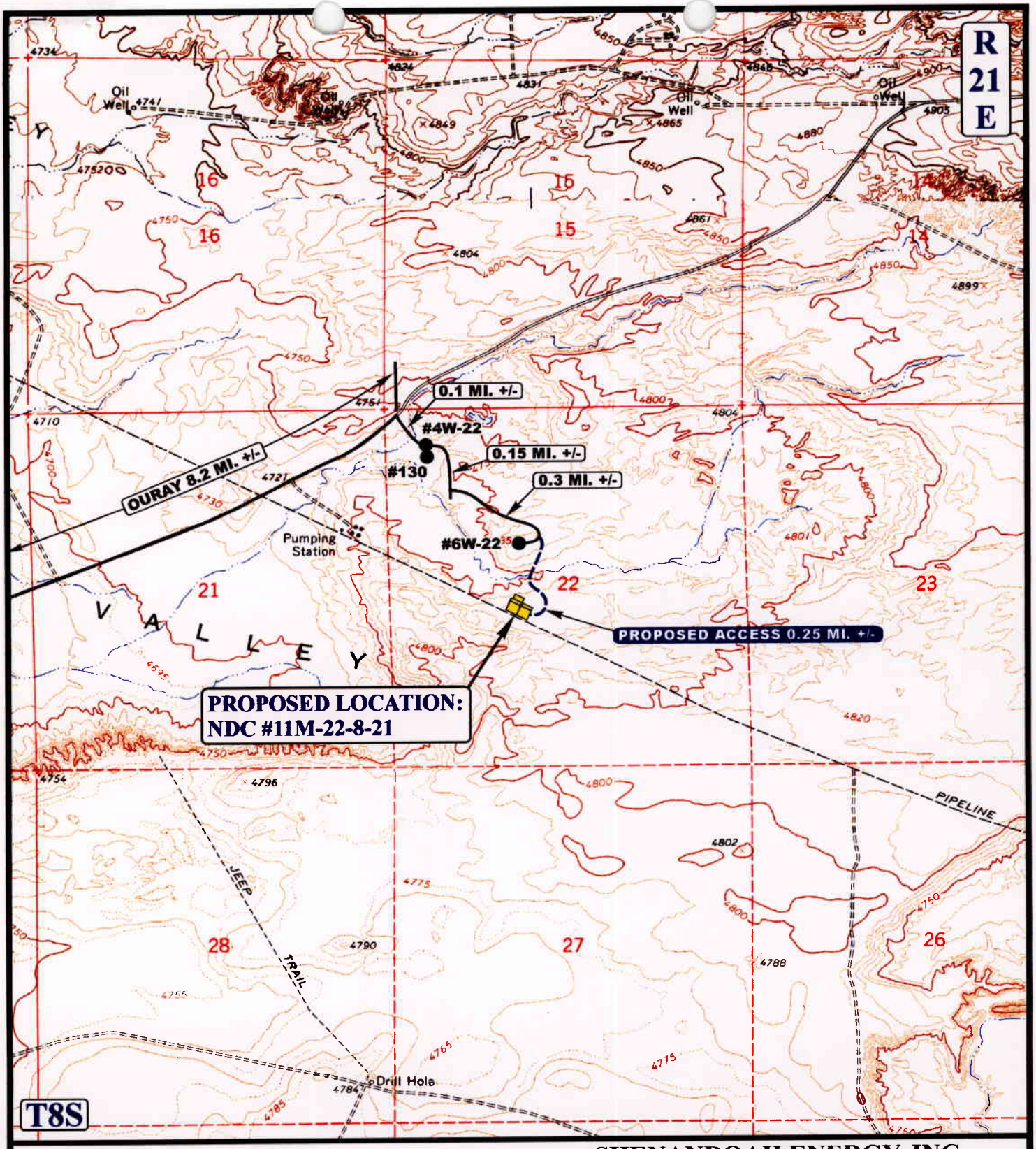
N

SHENANDOAH ENERGY, INC.

NDC #11M-22-8-21
SECTION 22, T8S, R21E, S.L.B.&M.
2390' FSL 1919' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	02 MONTH	05 DAY	03 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: P.M.	REVISED: 00-00-00		



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

N

SHENANDOAH ENERGY, INC.

NDC #11M-22-8-21

SECTION 22, T8S, R21E, S.L.B.&M.

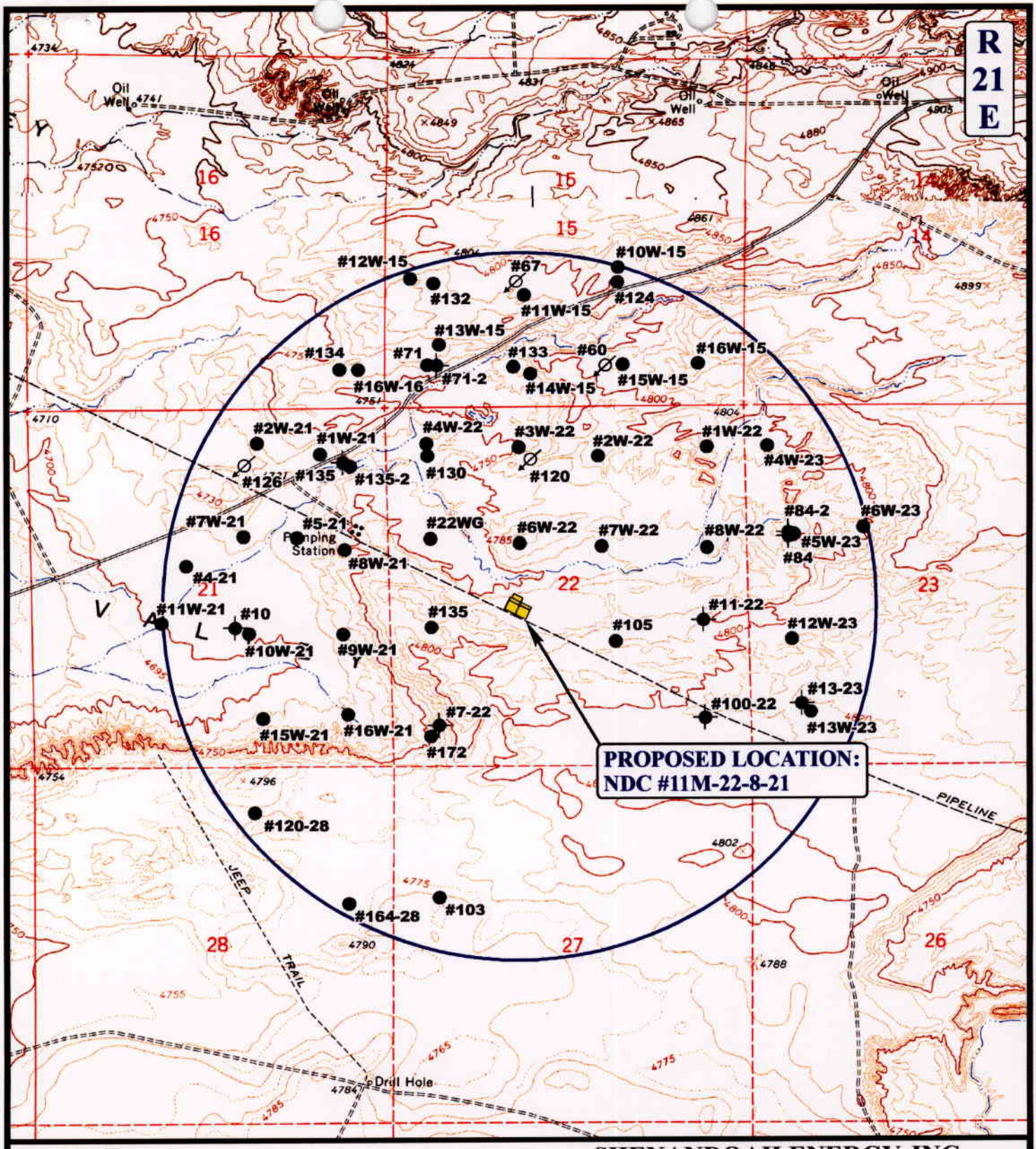
2390' FSL 1919' FWL

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078

(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	02 MONTH	05 DAY	03 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: P.M.	REVISED: 00-00-00		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

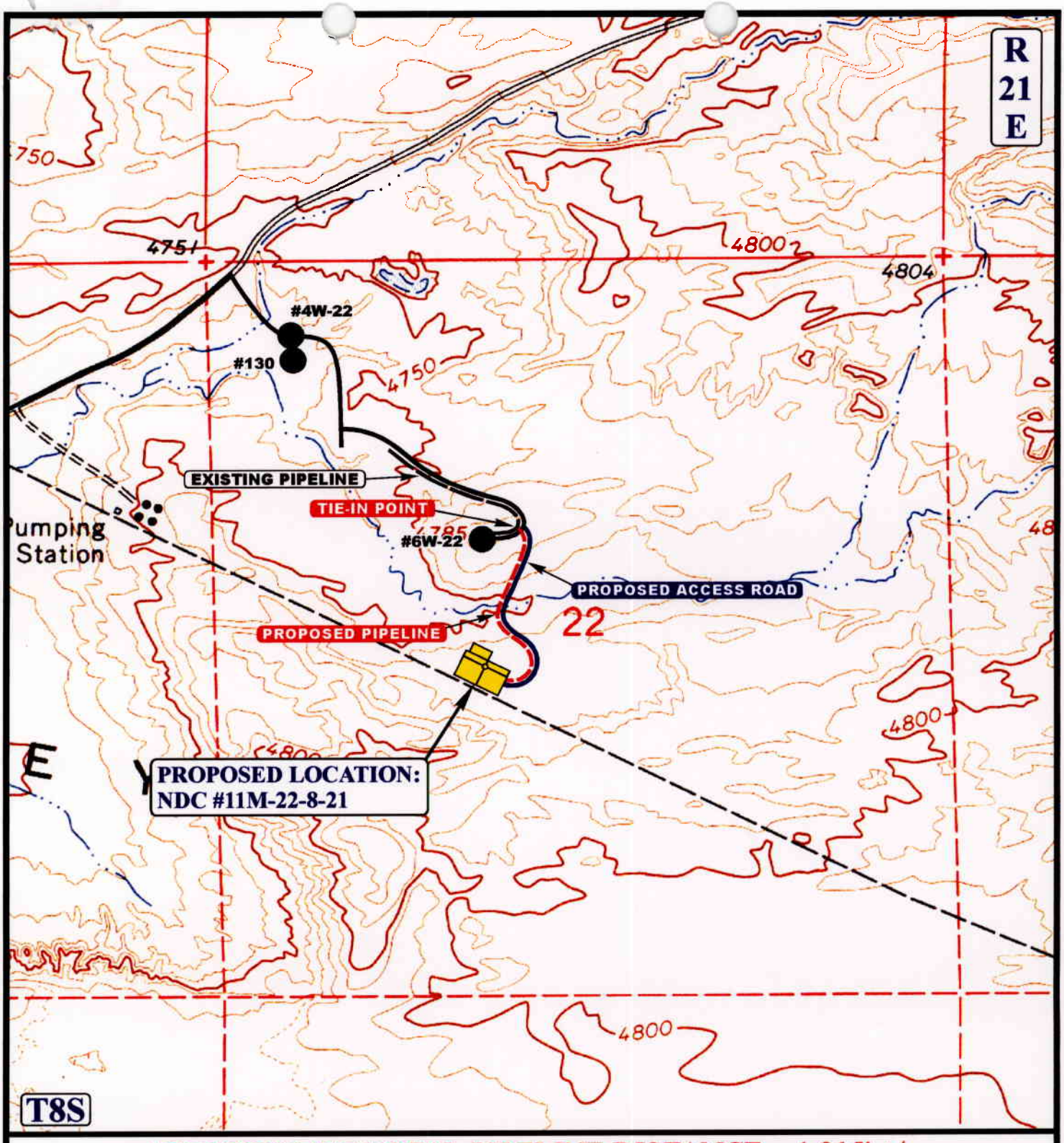
N

SHENANDOAH ENERGY, INC.

NDC #11M-22-8-21
SECTION 22, T8S, R21E, S.L.B.&M.
2390' FSL 1919' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	02 MONTH	05 DAY	03 YEAR
SCALE: 1" = 2000'	DRAWN BY: P.M.	REVISED: 00-00-00	C TOPO



APPROXIMATE TOTAL PIPELINE DISTANCE = 1,315' +/-

LEGEND:

PROPOSED ACCESS ROAD

EXISTING PIPELINE

PROPOSED PIPELINE

N

SHENANDOAH ENERGY, INC.

NDC #11M-22-8-21
SECTION 22, T8S, R21E, S.L.B.&M.
2390' FSL 1919' FWL

UELS

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	02 MONTH	05 DAY	03 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: P.M.	REVISED: 00-00-00		

003

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/18/2003

API NO. ASSIGNED: 43-047-34902

WELL NAME: N DUCK CREEK 11M-22-8-21

OPERATOR: SHENANDOAH ENERGY INC (N4235)

CONTACT: RALEEN SEARLE

PHONE NUMBER: 435-781-4309

PROPOSED LOCATION:

NESW 22 080S 210E

SURFACE: 2390 FSL 1919 FWL

BOTTOM: 2390 FSL 1919 FWL

UINTAH

WONSITS VALLEY (710)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-68219

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: MNCS

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.10797

LONGITUDE: 109.54175

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UT-1237)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 49-2153)

N RDCC Review (Y/N)
(Date:)

NA Fee Surf Agreement (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit ___

___ R649-2-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells

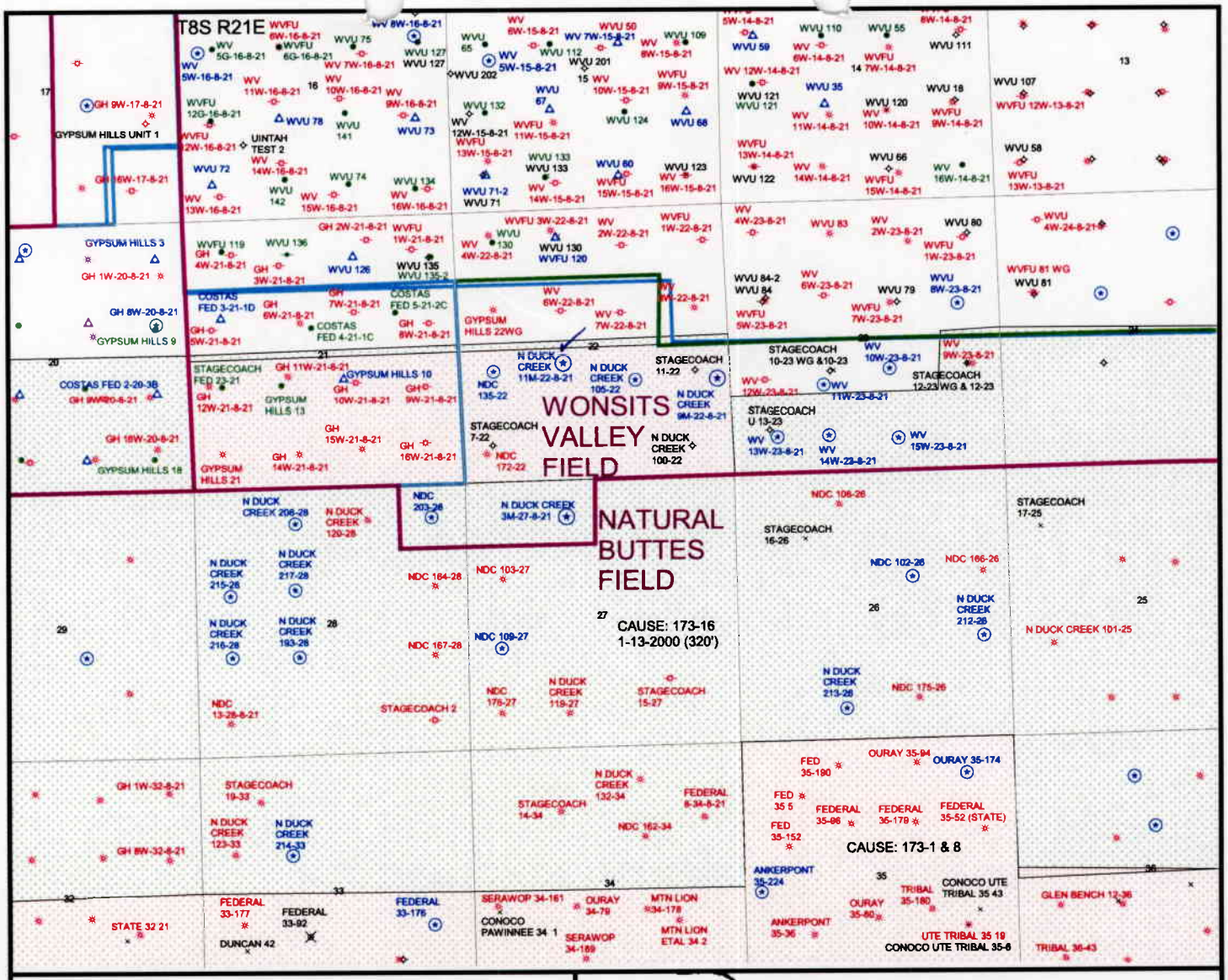
___ R649-3-3. Exception

✓ Drilling Unit
Board Cause No: 173-14 (8/320')
Eff Date: 1-13-00
Siting: 460' fr u boundary & 920' fr other wells.

___ R649-3-11. Directional Drill

COMMENTS: ___

STIPULATIONS: 1-federal approval



OPERATOR: SHENANDOAH ENERGY (N4235)

SEC. 22 T8S, R21E

FIELD: WONSITS VALLEY (710)

COUNTY: UINTAH

CAUSE: 173-16 / 1-13-00

Utah Oil Gas and Mining

WELLS
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

UNIT STATUS
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

FIELD STATUS
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED
- COUNTY BOUNDARY
- SECTION LINES
- TOWNSHIP LINES

N
W E
S

PREPARED BY: DIANA MASON
DATE: 21-FEBRUARY-2003

004

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

February 26, 2003

Shenandoah Energy Inc.
11002 E 17500 S
Vernal UT 84078

Re: North Duck Creek 11M-22-8-21 Well, 2390' FSL, 1919' FWL, NE SW, Sec. 22, T. 8 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-34902.

Sincerely,

John R. Baza
Associate Director

er
Enclosures
cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Utah!
Where ideas connect

Operator: Shenandoah Energy Inc.

Well Name & Number North Duck Creek 11M-22-8-21

API Number: 43-047-34902

Lease: UTU68219

Location: NE SW **Sec.** 22 **T.** 8 South **R.** 21 East

Conditions of Approval

1. General

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

   Notify the Division within 24 hours of spudding the well.

   - Contact Carol Daniels at (801) 538-5284.

   Notify the Division prior to commencing operations to plug and abandon the well.

   - Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Form 3160-3
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

005

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
UTU68218

6. If Indian, Allottee or Tribe Name

1a. Type of Work: ☒ DRILL ☐ REENTER

CONFIDENTIAL

7. If Unit or CA Agreement, Name and No.

1b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

8. Lease Name and Well No.
NORTH DUCK CREEK 11M-22-8-21

2. Name of Operator
SHENANDOAH ENERGY INC

Contact: RALEEN SEARLE
E-Mail: raleen.searle@questar.com

9. API Well No.
43-047-34902-00-X1

3a. Address
11002 EAST 17500 SOUTH
VERNAL, UT 84078-8526

3b. Phone No. (include area code)
Ph: 435.781.4309
Fx: 435.781.4329

10. Field and Pool, or Exploratory
WONSITS VALLEY

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface NESW 2390FSL 1919FWL

At proposed prod. zone

11. Sec., T., R., M., or Blk. and Survey or Area
Sec 22 T8S R21E Mer SLB
SME: BIA

14. Distance in miles and direction from nearest town or post office*
8 +/- MILES FROM OURAY, UT

12. County or Parish
UINTAH

13. State
UT

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
1919' +/-

16. No. of Acres in Lease
320.00

17. Spacing Unit dedicated to this well
40.00

18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.
1500' +/-

19. Proposed Depth
12750 MD

20. BLM/BIA Bond No. on file
UT1237

21. Elevations (Show whether DF, KB, RT, GL, etc.
4776 KB

22. Approximate date work will start

23. Estimated duration
30 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature	Name (Printed/Typed)	Date
(Electronic Submission)	RALEEN SEARLE	02/14/2003

Title
REGULATORY AFFAIRS ANALYST

Approved by (Signature)	Name (Printed/Typed)	Date
(Electronic Submission)	HOWARD B CLEAVINGER II	05/30/2003

Title	Office
AFM FOR MINERAL RESOURCES	Vernal

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #18512 verified by the BLM Well Information System
For SHENANDOAH ENERGY INC, sent to the Vernal
Committed to AFMSS for processing by LESLIE WALKER on 02/19/2003 (03LW0911AE)

RECEIVED

JUN 03 2003

DIV. OF OIL, GAS & MINING

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Received by
E-mail

Additional Operator Remarks:

Shenandoah Energy Inc. proposes to drill a well to 12,750' to test the Mancos. If productive casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

See 8-point drilling program.

See Onshore Order No. 1 attached.

Please be advised that Shenandoah Energy Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. UT-1237. The principal is Shenandoah Energy via surety as consent as provided for the 43 CFR 3104.2.

Revisions to Operator-Submitted EC Data for APD #18512

	Operator Submitted	BLM Revised (AFMSS)
Lease:	UTU-68219	UTU68218
Agreement:		
Operator:	SHENANDOAH ENERGY INC. 11002 EAST 17500 SOUTH VERNAL, UT 84078 Ph: 435.781.4309 Fx: 435.781.4323	SHENANDOAH ENERGY INC 11002 EAST 17500 SOUTH VERNAL, UT 84078-8526 Ph: 435.781.4300 Fx: 435.781.4329
Admin Contact:	RALEEN SEARLE REGULATORY AFFAIRS ANALYST 11002 EAST 17500 SOUTH VERNAL, UT 84078 Ph: 435.781.4309 Fx: 435.781.4329 E-Mail: raleen.searle@questar.com	RALEEN SEARLE REGULATORY AFFAIRS ANALYST 11002 EAST 17500 SOUTH VERNAL, UT 84078-8526 Ph: 435.781.4309 Fx: 435.781.4329 E-Mail: raleen.searle@questar.com
Tech Contact:		
Well Name:	NORTH DUCK CREEK	NORTH DUCK CREEK
Number:	11M-22-8-21	11M-22-8-21
Location:		
State:	UT	UT
County:	UINTAH	UINTAH
S/T/R:	Sec 22 T8S R21E Mer SLB	Sec 22 T8S R21E Mer SLB
Surf Loc:	NESW 2390FSL 1919FWL	NESW 2390FSL 1919FWL
Field/Pool:	WONSITS VALLEY	WONSITS VALLEY
Bond:	UT-1237	UT1237

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Shenandoah Energy Inc.

Well Name & Number: NDC 11M-22-8-21

API Number: 43-047-34902

Lease Number: U-68218

Location: NESW Sec. 22 T. 8S R. 21E

Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

Report ALL water shows and water-bearing sands to John Mayers of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **5M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to.

Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint. Surface casing setting depths are based on ground level elevations only.

As a minimum requirement, the operator must bring the top of cement behind the production casing 200' above the top of the intermediate casing shoe.

Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

A cement bond log (CBL) will be run from the production casing shoe to top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all logs run on this well in LAS format. This submission will supercede the requirement for submittal of paper logs to the BLM.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Written notification of such must be submitted to this office not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergencies, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Other Information

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874
Petroleum Engineer

Kirk Fleetwood (435) 828-7875
Petroleum Engineer

BLM FAX Machine (435) 781-4410

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

Shenandoah Energy, Inc. (Shenandoah) will assure the Ute Tribe that any/all contractors and subcontractors have acquired a current Tribal Business License and have updated "Access Permits" prior to construction. All Shenandoah personnel, contractors and subcontractors will have these permits in their vehicles at all times. Companies that have not complied with this COA will be in violation of the Ute Tribal Business License Ordinance, and will be subject to fines and penalties.

Shenandoah employees, representatives, and/or authorized personnel (subcontractors) shall not carry firearms on their person or in their vehicles while working on the Uintah & Ouray Indian Reservation.

Shenandoah employees and/or authorized personnel (subcontractors) in the field will have approved applicable APDs and/or ROW permits/authorizations on their person(s) during all phases of construction.

Shenandoah will notify the Ute Tribe and Bureau of Indian Affairs (BIA) in writing of any requested modification of APDs or Rights-Of-Way (ROW). Shenandoah shall receive written notification of authorization or denial of the requested modification. Without authorization, Shenandoah will be subject to fines and penalties.

The Ute Tribe Energy & Minerals Department shall be notified in writing 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday. A Tribal Technician is to routinely monitor construction. Shenandoah shall make arrangements with the Ute Energy & Minerals Department for all monitoring that will exceed regular working hours for Tribal Technicians. A qualified Archaeologist accompanied by a Tribal Technician will monitor any trenching construction of the pipeline. Shenandoah is to inform contractors to maintain construction of the pipelines within the approved ROW.

A ROW, 30 feet wide and 1297 feet long, was granted for the access road. A corridor ROW, 60 feet wide and 1301 feet long was granted for the pipeline. The constructed travel width of the access road will be limited to 18 feet. Upon authorization by the Ute Tribe Energy & Minerals Department, the ROW may be wider where sharp curves, deep cuts and fills occur; or, where intersections with other roads are required.

Upon completion of the pertinent APD and ROWs, Shenandoah will notify the Ute Tribe Energy & Minerals Department for a Tribal Technician to verify the Affidavit of Completion. When each pipeline has been constructed and completed as built descriptions will be filed with the Ute Tribal Energy & Minerals Department.

Production waters, oil, and other byproducts shall not be placed on access roads or the well pad.

All vehicular traffic, personnel movement, construction and restoration operations will be confined to the areas examined and approved and to the existing roadways and/or evaluated access routes.

Shenandoah will implement "Safety and Emergency Plan" and ensure plan compliance.

Shenandoah shall stop construction activities and notify personnel from the Ute Tribe Energy & Minerals Department and BIA if cultural remains including paleontology resources (vertebrate fossils) are exposed or identified during construction. The Ute Tribe Department of Cultural Rights and Protection and the BIA will provide mitigation measures prior to allowing construction.

Shenandoah employees and/or authorized personnel (subcontractors) will not be allowed to collect artifacts and paleontology fossils. No significant cultural resources shall be disturbed.

Shenandoah will control noxious weeds on the well site and ROWs. Shenandoah will be responsible for noxious weed control if weeds spread from the project area onto adjoining land.

Reserve pits will be lined with an impervious synthetic liner to conserve fluids. A fence will be constructed around the reserve pit until it is backfilled. Prior to backfilling the reserve pit, all fluids will be pumped from the pit into trucks and hauled then to approved, disposal sites. When the reserve pits are backfilled, the surplus oil and mud, etc., will be buried a minimum of 3 feet below the surface of the soil.

A closed system will be used during production. This means that production fluids will be contained in leak-proof tanks. All production fluids will be disposed of at approved disposal sites. If any of the produced water is diverted to drilling activities then any reserve pits where this produced water is hauled must have a pit liner installed. This produced water may not be injected down the annulus of a well after the drilling has been completed.

Surface pipelines will be constructed to lay on the soil surface. The pipeline ROW will not be bladed or cleared of vegetation without authorization of the BIA. Surface pipelines shall be welded in place at well sites or on access roads and on other existing roads then pulled into place with suitable equipment. Vehicles shall not use pipeline ROWs as access roads unless specifically authorized.

Before the site is abandoned, Shenandoah will be required to restore the well site and ROWs to near their original state. The disturbed areas will be reseeded with desirable perennial vegetation.

Soil erosion will be mitigated, by reseeding all disturbed areas.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

In Reply Refer To:
3106
(UT-924)

July 21, 2003

Memorandum

To: Vernal Field Office

From: ACTING Chief, Branch of Minerals Adjudication

Subject: Name Change Approval

Attached is an approved copy of the name change from BLM-Eastern States, which is recognized by the Utah State Office. We have updated our records to reflect:

The name change from Shenandoah Energy Incorporated into QEP Uinta Basin, Incorporated is effective July 23, 1999. The BLM Bond Number is ESB000024.

Mary Higgins
Acting Chief, Branch of
Minerals Adjudication

Enclosure
1. Eastern States Letter
2. List of leases

cc: MMS, James Sykes, PO Box 25165, M/S 357 B1, Denver CO 80225
State of Utah, DOGM, Earlene Russell (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

RECEIVED
JUL 29 2003
DIV. OF OIL, GAS & MINING

Exhibit of Leases

UTSL-065342
UTSL-065429
UTSL-066409-A
UTSL-066446
UTSL-066446-A
UTSL-066446-B
UTSL-066791
UTSL-069330
UTSL-070932-A
UTSL-071745
UTSL-071963
UTSL-071964
UTSL-071965

UTU-046
UTU-055
UTU-057
UTU-058
UTU-059
UTU-080
UTU-081
UTU-082
UTU-093
UTU-0116
UTU-0558
UTU-0559
UTU-0560
UTU-0561
UTU-0562
UTU-0566
UTU-0567
UTU-0568
UTU-0569
UTU-0570
UTU-0571
UTU-0572
UTU-0629
UTU-0802
UTU-0803
UTU0804
UTU0805
UTU0806
UTU0807
UTU0809
UTU0810
UTU-0823
UTU-0824
UTU-0825
UTU-0826
UTU-0827
UTU-0828
UTU-0829
UTU-0830
UTU-0933
UTU-0971
UTU-0971-A
UTU-01089
UTU-02025
UTU-02030
UTU-02060
UTU-02148
UTU-02149
UTU-02510-A
UTU-09613
UTU-09617
UTU-09809
UTU-011225-B
UTU-011226
UTU-011226-B
UTU-012457
UTU-012457-A
UTU-018260-A
UTU-022158
UTU-025960
UTU-025962
UTU-025963
UTU-029649
UTU-65471
UTU-65472
UTU-103144
UTU-140740
UTU-14219
UTU-14639
UTU-16551
UTU-28652
UTU-42050
UTU-43915
UTU-43916
UTU-43917
UTU-43918
UTU-56947
UTU-65276
UTU-65404
UTU-65471
UTU-65472
UTU-65632
UTU-67844
UTU-68217
UTU-68218
UTU-68219
UTU-68220
UTU-68387
UTU-68620
UTU-69001
UTU-70853
UTU-70854
UTU-70855
UTU-70856
UTU-71416
UTU-72066
UTU-72109
UTU-72118
UTU-72598
UTU-72634
UTU-72649
UTU-73182
UTU-73443
UTU-73456
UTU-73680
UTU-73681
UTU-73684
UTU-73686
UTU-73687
UTU-73698
UTU-73699
UTU-73700
UTU-73710
UTU-73914
UTU-73917
UTU-74401
UTU-74402
UTU-74407
UTU-74408
UTU-74419
UTU-74493
UTU-74494
UTU-74495
UTU-74496
UTU-74836
UTU-74842
UTU-74968
UTU-74971
UTU-74972
UTU-75079
UTU-75080
UTU-75081
UTU-75082
UTU-75083
UTU-75084
UTU-75085
UTU-75086
UTU-75087
UTU-75088
UTU-75102
UTU-75103
UTU-75116
UTU-75243
UTU-75503
UTU-75678
UTU-75684
UTU-76278
UTU-75760
UTU-75939
UTU-76039
UTU-76482
UTU-76507
UTU-76508
UTU-76721
UTU-76835
UTU-77063
UTU-77301
UTU-77308
UTU-78021
UTU-78028
UTU-78029
UTU-78214
UTU-78215
UTU-78216
UTU-80636
UTU-80637
UTU-80638
UTU-80639
UTU-80640

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
UTU-68218

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
N/A

1. Type of Well
Oil Well [ ] Gas Well [X] Other [ ]

CONFIDENTIAL

8. Well Name and No.
NDC 11M-22-8-21

2. Name of Operator
QEP UINTA BASIN, INC.
Contact: John Busch
Email: john.busch@questar.com

9. API Well No.
43-047-34902

3. Address and Telephone No
11002 E. 17500 S. VERNAL, UT 84078-8526
(435) 781-4341

10. Field and Pool, or Exploratory Area
WONSITS VALLEY

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2390'FSL 1919' FWL NESW SEC 22 T8S R21E

11. County or Parish, State
UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans	
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction	
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing	
	[ ] Casing Repair	[ ] Water Shut-Off	
	[ ] Altering Casing	[ ] Conversion to Injection	
	[X] Other **APD Extension**	[ ] Dispose Water	

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

QEP Uinta Basin, Inc. hereby requests a 1 year extension on the APD for the NDC 11M-22-8-21.

Approved by the Utah Division of Oil, Gas and Mining
Date: 04-01-04
By:

COPY SENT TO OPERATOR
Date: 4-2-04
Initials: CHD

RECEIVED
MAR 29 2004
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Signed John Busch Title OPERATIONS Date 3/25/2004

(This space for Federal or State office use)

Approved by: Title Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See instruction on Reverse Side**

[redacted]

Application for Permit to Drill
Request for Permit Extension
Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-34902
Well Name: NDC 11M-22-8-21
Location: 2390'FSL 1919' FWL NESW SEC 22 T8S R21E
Company Permit Issued to: QEP UINTA BASIN, INC.
Date Original Permit Issued: ~~5/30/2003~~ 3/26/2003

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes☐No☑

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes☐No☑

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes☐No☑

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes☐No☑

Has the approved source of water for drilling changed? Yes☐No☑

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes☐No☑

Is bonding still in place, which covers this proposed well? Yes☑No☐

John Busch
Signature

3/25/2004
Date

Title: OPERATIONS

Representing: QEP UINTA BASIN, INC.

RECEIVED
MAR 2 9 2004
DIV. OF OIL, GAS & MINING

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

008

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
UTU-68218

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
N/A

1. Type of Well
Oil Well [ ] Gas Well [X] Other [ ]

8. Well Name and No.
NDC 11M-22-8-21

2. Name of Operator
QEP UINTA BASIN, INC.
Contact: John Busch
Email: john.busch@questar.com

9. API Well No.
43-047-34902

3. Address and Telephone No
11002 E. 17500 S. VERNAL, UT 84078-8526
(435) 781-4341

10. Field and Pool, or Exploratory Area
WONSITS VALLEY

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2390'FSL 1919' FWL NESW SEC 22 T8S R21E

11. County or Parish, State
UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[ ] Recompletion	[ ] New Construction
[ ] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **APD Extension**	[ ] Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

QEP Uinta Basin, Inc. hereby requests a 1 year extension on the APD for the NDC 11M-22-8-21.

RECEIVED
MAR 26 2004
By

CONDITIONS OF APPROVAL ATTACHED

RECEIVED
MAY 03 2004
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Signed John Busch Title OPERATIONS Date 3/25/2004

(This space for Federal or State office use)
Approved by: Title Petroleum Engineer Date 4/15/04
Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UDOGM

*See instruction on Reverse Side

[redacted]

Application for Permit to Drill
Request for Permit Extension
Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-34902
Well Name: NDC 11M-22-8-21
Location: 2390'FSL 1919' FWL NESW SEC 22 T8S R21E
Company Permit Issued to: QEP UINTA BASIN, INC.
Date Original Permit Issued: 5/30/2003

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes☐No☑

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes☐No☑

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes☐No☑

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes☐No☑

Has the approved source of water for drilling changed? Yes☐No☑

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes☐No☑

Is bonding still in place, which covers this proposed well? Yes☑No☐

John Busch
Signature

3/25/2004
Date

Title: OPERATIONS

Representing: QEP UINTA BASIN, INC.

QEP- Uintah Basin Inc.
APD Extension

Well: NDC 11M-22-8-21 Location: NESW Sec. 22, T8S, R21E

Lease: U-68218

CONDITIONS OF APPROVAL

An extension for the referenced APD is granted with the following conditions:

---

1. The extension will expire 5/30/05

2. No other extensions beyond that time frame will be granted or allowed.

If you have any other questions concerning this matter, please contact Kirk Fleetwood of this office at (435) 781-4486

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

009

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
UTU-68219

6. If Indian, Allottee or Tribe Name
UTE TRIBE

7. If Unit or CA, Agreement Designation
N/A

1. Type of Well
Oil Well [ ] Gas Well [X] Other [ ]

CONFIDENTIAL

8. Well Name and No.
NDC 11M 22-8-21

2. Name of Operator
QEP, UINTA BASIN, INC.

9. API Well No.
43-047-34902

3. Address and Telephone No.
11002 E. 17500 S. VERNAL, UT 84078-8526
Email: Dahn.Caldwell@questar.com
435-781-4342 Fax 435-781-4357

10. Field and Pool, or Exploratory Area
WONSITS VALLEY

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NESW, 2390' FSL, 1919' FWL, Sec 22-T8S-R21E

11. County or Parish, State
UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[ ] Recompletion	[ ] New Construction
[X] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **SPUD**	[ ] Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

On 3/15/05 - Drilled 40' of 20" hole. Set 40' of 14" conductor pipe. Cmt w/ Ready Mix.

3 - BLM, 2- Utah OG&M, 1 – Denver, 1 – file Word file-server

RECEIVED
MAR 28 2005
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Signed **Dahn F. Caldwell** Title **Office Administator II** Date **3/24/2005**

(This space for Federal or State office use)

Approved by: Title Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONFIDENTIAL

010

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: QEP Uinta Basin, Inc.
Operator Account Number: N 2460
Address: 11002 East 17500 South
city Vernal
state UT zip 84078
Phone Number: (435) 781-4342

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304734902	NDC 11M 22 8 21		NESW	22	8	21	Uintah
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
A	99999	14632	3/15/2005			3/31/05	K
Comments: MNCS CONFIDENTIAL							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
Comments:							

RECEIVED
MAR 28 2005
DIV. OF OIL, GAS & MINING

ACTION CODES:

- **A** - Establish new entity for new well (single well only)
- **B** - Add new well to existing entity (group or unit well)
- **C** - Re-assign well from one existing entity to another existing entity
- **D** - Re-assign well from one existing entity to a new entity
- **E** - Other (Explain in 'comments' section)

Dahn F. Caldwell
Name (Please Print)
Dahn F Caldwell
Signature
Office Administrator II
Title
3/24/2005
Date

(5/2000)

CONFIDENTIAL

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

Change of Operator (Well Sold) **X - Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective: **1/1/2007**

FROM: (Old Operator):	**TO:** (New Operator):
N2460-QEP Uinta Basin, Inc.	N5085-Questar E&P Company
1050 17th St, Suite 500	1050 17th St, Suite 500
Denver, CO 80265	Denver, CO 80265
Phone: 1 (303) 672-6900	Phone: 1 (303) 672-6900

CA No. **Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS				*				

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 1/31/2005
4a. Is the new operator registered in the State of Utah: Business Number: 764611-0143
5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
5b. Inspections of LA PA state/fee well sites complete on: n/a
5c. Reports current for Production/Disposition & Sundries on: n/a
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on:
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 4/30/2007 and 5/15/2007
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 4/30/2007 and 5/15/2007
3. Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
4. Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
5. Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024
2. Indian well(s) covered by Bond Number: 799446
3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS: THIS IS A COMPANY NAME CHANGE.
SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
FEDERAL 2-29-7-22	FEDERAL 2-29-7-22	NESW	29	070S	220E	4304715423	5266	Federal	GW	S
UTAH FED D-1	UTAH FED D-1	SWSW	14	070S	240E	4304715936	10699	Federal	GW	S
UTAH FED D-2	UTAH FED D-2	NESW	25	070S	240E	4304715937	9295	Federal	GW	S
PRINCE 1	PRINCE 1	SWSW	10	070S	240E	4304716199	7035	Federal	GW	P
UTAH FED D-4	UTAH FED D-4	SWSE	14	070S	240E	4304731215	9297	Federal	GW	S
FZ BB 1	**BRENNAN FZ-BB1**	NESE	20	070S	210E	4304731805	10952	Federal	GW	TA
EAST COYOTE FED 14-4-8-25	EAST COYOTE FED 14-4-8-25	SESW	04	080S	250E	4304732493	11630	Federal	OW	P
F S PRINCE 4	**PRINCE 4**	SWSW	03	070S	240E	4304732677	7035	Federal	OW	P
GYPSUM HILLS 21	**GH 21 WG**	**SWSW**	**21**	080S	210E	4304732692	11819	Federal	GW	P
SAGE GROUSE FED 6-14-8-22	**OU SG 6 14 8 22**	SENW	14	080S	220E	4304732746	11944	Federal	GW	P
GYPSUM HILLS 22WG	**GH 22 WG**	SWNW	22	080S	210E	4304732818	12336	Federal	GW	P
SAGE GROUSE 12A-14-8-22	SAGE GROUSE 12A-14-8-22	NWSW	14	080S	220E	4304733177	12524	Federal	GW	S
OU GB 12W-20-8-22	OU GB 12W-20-8-22	NWSW	20	080S	220E	4304733249	13488	Federal	GW	P
GBU 15-18-8-22	**OU GB 15 18 8 22**	SWSE	18	080S	220E	4304733364	12690	Federal	GW	P
GLEN BENCH FED 3W-17-8-22	**OU GB 3W 17 8 22**	NENW	17	080S	220E	4304733513	12950	Federal	GW	P
GLEN BENCH FED 5W-17-8-22	**OU GB 5W 17 8 22**	SWNW	17	080S	220E	4304733514	12873	Federal	GW	P
WV FED 9W-8-8-22	**WV 9W 8 8 22**	NESE	08	080S	220E	4304733515	13395	Federal	GW	P
GB FED 9W-18-8-22	**OU GB 9W 18 8 22**	NESE	18	080S	220E	4304733516	12997	Federal	GW	P
OU GB 3W-20-8-22	OU GB 3W-20-8-22	NENW	20	080S	220E	4304733526	13514	Federal	GW	P
GLEN BENCH 12W-30-8-22	**OU GB 12W 30 8 22**	NWSW	30	080S	220E	4304733670	13380	Federal	GW	P
WVFU 10W-8-8-22	**WV 10W 8 8 22**	NWSE	08	080S	220E	4304733814	13450	Federal	GW	P
GH 7W-21-8-21	GH 7W-21-8-21	SWNE	21	080S	210E	4304733845	13050	Federal	GW	P
GH 9W-21-8-21	GH 9W-21-8-21	NESE	21	080S	210E	4304733846	13074	Federal	GW	P
GH 11W-21-8-21	GH 11W-21-8-21	NESW	21	080S	210E	4304733847	13049	Federal	GW	P
GH 15W-21-8-21	GH 15W-21-8-21	SWSE	21	080S	210E	4304733848	13051	Federal	GW	P
WV 7W-22-8-21	WV 7W-22-8-21	SWNE	22	080S	210E	4304733907	13230	Federal	GW	P
WV 9W-23-8-21	WV 9W-23-8-21	NESE	23	080S	210E	4304733909	13160	Federal	GW	P
GHU 14W-20-8-21	**GH 14W 20 8 21**	SESW	20	080S	210E	4304733915	13073	Federal	GW	P
GB 4W-30-8-22	**OU GB 4W 30 8 22**	NWNW	30	080S	220E	4304733945	13372	Federal	GW	P
GB 9W-19-8-22	**OU GB 9W 19 8 22**	NESE	19	080S	220E	4304733946	13393	Federal	GW	P
GB 10W-30-8-22	**OU GB 10W 30 8 22**	NWSE	30	080S	220E	4304733947	13389	Federal	GW	P
GB 12W-19-8-22	**OU GB 12W 19 8 22**	NWSW	19	080S	220E	4304733948	13388	Federal	GW	P
GB 9W-25-8-21	GB 9W-25-8-21	NESE	25	080S	210E	4304733960	13390	Federal	GW	P
WV 1W-5-8-22	**SU 1W 5 8 22**	NENE	05	080S	220E	4304733985	13369	Federal	GW	P
WV 3W-5-8-22	**SU 3W 5 8 22**	NENW	05	080S	220E	4304733987	13321	Federal	OW	S
WV 7W-5-8-22	**SU 7W 5 8 22**	SWNE	05	080S	220E	4304733988	13235	Federal	GW	P
WV 9W-5-8-22	**SU 9W 5 8 22**	NESE	05	080S	220E	4304733990	13238	Federal	GW	P
WV 11W-5-8-22	**SU 11W 5 8 22**	NESW	05	080S	220E	4304733992	13239	Federal	GW	S
WV 13W-5-8-22	**SU 13W 5 8 22**	SWSW	05	080S	220E	4304733994	13236	Federal	GW	S
WV 15W-5-8-22	**SU 15W 5 8 22**	SWSE	05	080S	220E	4304733996	13240	Federal	GW	P
WV 8W-8-8-22	WV 8W-8-8-22	SENE	08	080S	220E	4304734005	13320	Federal	GW	P
WV 14W-8-8-22	WV 14W-8-8-22	SESW	08	080S	220E	4304734007	13322	Federal	GW	P

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
OU GB 6W-20-8-22	OU GB 6W-20-8-22	SENW	20	080S	220E	4304734018	13518	Federal	GW	P
GB 5W-30-8-22	**OU GB 5W 30 8 22**	SWNW	30	080S	220E	4304734025	13502	Federal	GW	P
GB 11W-20-8-22	**OU GB 11W 20 8 22**	NESW	20	080S	220E	4304734039	13413	Federal	GW	P
OU GB 4W-20-8-22	OU GB 4W-20-8-22	NWNW	20	080S	220E	4304734043	13520	Federal	GW	P
GH 5W-21-8-21	GH 5W-21-8-21	SWNW	21	080S	210E	4304734147	13387	Federal	GW	P
GH 6W-21-8-21	GH 6W-21-8-21	SENW	21	080S	210E	4304734148	13371	Federal	GW	P
GH 8W-21-8-21	GH 8W-21-8-21	SENE	21	080S	210E	4304734149	13293	Federal	GW	P
GH 10W-20-8-21	GH 10W-20-8-21	NWSE	20	080S	210E	4304734151	13328	Federal	GW	P
GH 10W-21-8-21	GH 10W-21-8-21	NWSE	21	080S	210E	4304734152	13378	Federal	GW	P
GH 12W-21-8-21	GH 12W-21-8-21	NWSW	21	080S	210E	4304734153	13294	Federal	GW	P
GH 14W-21-8-21	GH 14W-21-8-21	SESW	21	080S	210E	4304734154	13292	Federal	GW	P
GH 16W-21-8-21	GH 16W-21-8-21	SESE	21	080S	210E	4304734157	13329	Federal	GW	P
GB 5W-20-8-22	**OU GB 5W 20 8 22**	SWNW	20	080S	220E	4304734209	13414	Federal	GW	P
WV 6W-22-8-21	WV 6W-22-8-21	SENW	22	080S	210E	4304734272	13379	Federal	GW	P
GH 1W-20-8-21	GH 1W-20-8-21	NENE	20	080S	210E	4304734327	13451	Federal	GW	P
GH 2W-20-8-21	GH 2W-20-8-21	NWNE	20	080S	210E	4304734328	13527	Federal	GW	P
GH 3W-20-8-21	GH 3W-20-8-21	NENW	20	080S	210E	4304734329	13728	Federal	GW	P
GH 7W-20-8-21	GH 7W-20-8-21	SWNE	20	080S	210E	4304734332	13537	Federal	GW	P
GH 9W-20-8-21	GH 9W-20-8-21	NESE	20	080S	210E	4304734333	13411	Federal	GW	P
GH 11W-20-8-21	GH 11W-20-8-21	NESW	20	080S	210E	4304734334	13410	Federal	GW	P
GH 15W-20-8-21	GH 15W-20-8-21	SWSE	20	080S	210E	4304734335	13407	Federal	GW	P
GH 16W-20-8-21	GH 16W-20-8-21	SESE	20	080S	210E	4304734336	13501	Federal	GW	P
WV 12W-23-8-21	WV 12W-23-8-21	NWSW	23	080S	210E	4304734343	13430	Federal	GW	P
OU GB 13W-20-8-22	OU GB 13W-20-8-22	SWSW	20	080S	220E	4304734348	13495	Federal	GW	P
OU GB 14W-20-8-22	OU GB 14W-20-8-22	SESW	20	080S	220E	4304734349	13507	Federal	GW	P
OU GB 11W-29-8-22	OU GB 11W-29-8-22	NESW	29	080S	220E	4304734350	13526	Federal	GW	P
WV 11G-5-8-22	**WVX 11G 5 8 22**	NESW	05	080S	220E	4304734388	13422	Federal	OW	P
WV 13G-5-8-22	**WVX 13G 5 8 22**	SWSW	05	080S	220E	4304734389	13738	Federal	OW	P
WV 15G-5-8-22	**WVX 15G 5 8 22**	SWSE	05	080S	220E	4304734390	13459	Federal	OW	P
SU BRENNAN W 15W-18-7-22	SU BRENNAN W 15W-18-7-22	SWSE	18	070S	220E	4304734403	13442	Federal	GW	TA
STIRRUP U 16W-5-8-22	**SU 16W 5 8 22**	SESE	05	080S	220E	4304734446	13654	Federal	GW	P
STIRRUP U 2W-5-8-22	**SU 2W 5 8 22**	NWNE	05	080S	220E	4304734455	13700	Federal	GW	P
WV 10W-5-8-22	**SU 10W 5 8 22**	NWSE	05	080S	220E	4304734456	13540	Federal	GW	P
WV 16W-8-8-22	WV 16W-8-8-22	SESE	08	080S	220E	4304734470	13508	Federal	GW	P
GB 16WX-30-8-22	**OU GB 16WX 30 8 22**	SESE	30	080S	220E	4304734506	13431	Federal	GW	P
OU GB 1W-19-8-22	OU GB 1W-19-8-22	NENE	19	080S	220E	4304734512	13469	Federal	GW	P
OU GB 2W-19-8-22	OU GB 2W-19-8-22	NWNE	19	080S	220E	4304734513	13461	Federal	GW	P
OU GB 5W-19-8-22	OU GB 5W-19-8-22	SWNW	19	080S	220E	4304734514	13460	Federal	GW	P
OU GB 7W-19-8-22	OU GB 7W-19-8-22	SWNE	19	080S	220E	4304734515	13462	Federal	GW	P
OU GB 8W-19-8-22	OU GB 8W-19-8-22	SENE	19	080S	220E	4304734516	13489	Federal	GW	P
OU GB 11W-19-8-22	OU GB 11W-19-8-22	NESW	19	080S	220E	4304734517	13467	Federal	GW	P
OU GB 16W-19-8-22	OU GB 16W-19-8-22	SESE	19	080S	220E	4304734522	13476	Federal	GW	P

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
GB 1W-30-8-22	**OU GB 1W 30 8 22**	NENE	30	080S	220E	4304734528	13487	Federal	GW	P
GB 3W-30-8-22	**OU GB 3W 30 8 22**	NENW	30	080S	220E	4304734529	13493	Federal	GW	P
GB 6W-30-8-22	**OU GB 6W 30 8 22**	SENW	30	080S	220E	4304734530	13519	Federal	GW	P
GB 7W-30-8-22	**OU GB 7W 30 8 22**	SWNE	30	080S	220E	4304734531	13494	Federal	GW	P
GB 8W-30-8-22	**OU GB 8W 30 8 22**	SENE	30	080S	220E	4304734532	13483	Federal	GW	P
GB 9W-30-8-22	**OU GB 9W 30 8 22**	NESE	30	080S	220E	4304734533	13500	Federal	GW	P
OU GB 6W-19-8-22	OU GB 6W-19-8-22	SENW	19	080S	220E	4304734534	13475	Federal	GW	P
OU GB 10W-19-8-22	OU GB 10W-19-8-22	NWSE	19	080S	220E	4304734535	13479	Federal	GW	P
OU GB 13W-19-8-22	OU GB 13W-19-8-22	SWSW	19	080S	220E	4304734536	13478	Federal	GW	P
OU GB 14W-19-8-22	OU GB 14W-19-8-22	SESW	19	080S	220E	4304734537	13484	Federal	GW	P
OU GB 15W-19-8-22	OU GB 15W-19-8-22	SWSE	19	080S	220E	4304734538	13482	Federal	GW	P
OU GB 12W-17-8-22	OU GB 12W-17-8-22	NWSW	17	080S	220E	4304734542	13543	Federal	GW	P
OU GB 6W-17-8-22	OU GB 6W-17-8-22	SENW	17	080S	220E	4304734543	13536	Federal	GW	P
OU GB 13W-17-8-22	OU GB 13W-17-8-22	SWSW	17	080S	220E	4304734544	13547	Federal	GW	P
OU GB 6W-29-8-22	OU GB 6W-29-8-22	SENW	29	080S	220E	4304734545	13535	Federal	GW	P
OU GB 3W-29-8-22	OU GB 3W-29-8-22	NENW	29	080S	220E	4304734546	13509	Federal	GW	P
OU GB 13W-29-8-22	OU GB 13W-29-8-22	SWSW	29	080S	220E	4304734547	13506	Federal	GW	P
OU GB 4W-29-8-22	OU GB 4W-29-8-22	NWNW	29	080S	220E	4304734548	13534	Federal	GW	P
OU GB 5W-29-8-22	OU GB 5W-29-8-22	SWNW	29	080S	220E	4304734549	13505	Federal	GW	P
OU GB 14W-17-8-22	OU GB 14W-17-8-22	SESW	17	080S	220E	4304734550	13550	Federal	GW	P
OU GB 11W-17-8-22	OU GB 11W-17-8-22	NESW	17	080S	220E	4304734553	13671	Federal	GW	P
OU GB 14W-29-8-22	OU GB 14W-29-8-22	SESW	29	080S	220E	4304734554	13528	Federal	GW	P
OU GB 2W-17-8-22	OU GB 2W-17-8-22	NWNE	17	080S	220E	4304734559	13539	Federal	GW	P
OU GB 7W-17-8-22	OU GB 7W-17-8-22	SWNE	17	080S	220E	4304734560	13599	Federal	GW	P
OU GB 16W-18-8-22	OU GB 16W-18-8-22	SESE	18	080S	220E	4304734563	13559	Federal	GW	P
OU GB 1W-29-8-22	OU GB 1W-29-8-22	NENE	29	080S	220E	4304734573	13562	Federal	GW	P
OU GB 7W-29-8-22	OU GB 7W-29-8-22	SWNE	29	080S	220E	4304734574	13564	Federal	GW	P
OU GB 8W-29-8-22	OU GB 8W-29-8-22	SENE	29	080S	220E	4304734575	13609	Federal	GW	S
OU GB 9W-29-8-22	OU GB 9W-29-8-22	NESE	29	080S	220E	4304734576	13551	Federal	GW	P
OU GB 10W-29-8-22	OU GB 10W-29-8-22	NWSE	29	080S	220E	4304734577	13594	Federal	GW	P
OU GB 15W-29-8-22	OU GB 15W-29-8-22	SWSE	29	080S	220E	4304734578	13569	Federal	GW	P
OU GB 2W-20-8-22	OU GB 2W-20-8-22	NWNE	20	080S	220E	4304734599	13664	Federal	GW	P
OU GB 2W-29-8-22	OU GB 2W-29-8-22	NWNE	29	080S	220E	4304734600	13691	Federal	GW	P
OU GB 15W-17-8-22	OU GB 15W-17-8-22	SWSE	17	080S	220E	4304734601	13632	Federal	GW	P
OU GB 16W-17-8-22	OU GB 16W-17-8-22	SESE	17	080S	220E	4304734602	13639	Federal	GW	P
OU GB 16W-29-8-22	OU GB 16W-29-8-22	SESE	29	080S	220E	4304734603	13610	Federal	GW	P
OU GB 1W-20-8-22	OU GB 1W-20-8-22	NENE	20	080S	220E	4304734604	13612	Federal	GW	P
OU GB 1W-17-8-22	OU GB 1W-17-8-22	NENE	17	080S	220E	4304734623	13701	Federal	GW	P
OU GB 9W-17-8-22	OU GB 9W-17-8-22	NESE	17	080S	220E	4304734624	13663	Federal	GW	P
OU GB 10W-17-8-22	OU GB 10W-17-8-22	NWSE	17	080S	220E	4304734625	13684	Federal	GW	P
OU GB 9W-20-8-22	OU GB 9W-20-8-22	NESE	20	080S	220E	4304734630	13637	Federal	GW	P
OU GB 10W-20-8-22	OU GB 10W-20-8-22	NWSE	20	080S	220E	4304734631	13682	Federal	GW	P

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
OU GB 15W-20-8-22	OU GB 15W-20-8-22	SWSE	20	080S	220E	4304734632	13613	Federal	GW	P
WIH 15MU-21-8-22	**OU WIH 15MU 21 8 22**	SWSE	21	080S	220E	4304734634	13991	Federal	GW	P
OU WIH 13W-21-8-22	OU WIH 13W-21-8-22	SWSW	21	080S	220E	4304734646	13745	Federal	GW	P
OU GB 11W-15-8-22	OU GB 11W-15-8-22	NESW	15	080S	220E	4304734648	13822	Federal	GW	P
OU GB 13W-9-8-22	OU GB 13W-9-8-22	SWSW	09	080S	220E	4304734654	13706	Federal	GW	P
OU WIH 14W-21-8-22	OU WIH 14W-21-8-22	SESW	21	080S	220E	4304734664	13720	Federal	GW	P
OU GB 12WX-29-8-22	OU GB 12WX-29-8-22	NWSW	29	080S	220E	4304734668	13555	Federal	GW	P
OU WIH 10W-21-8-22	OU WIH 10W-21-8-22	NWSE	21	080S	220E	4304734681	13662	Federal	GW	P
OU GB 4G-21-8-22	OU GB 4G-21-8-22	NWNW	21	080S	220E	4304734685	13772	Federal	OW	P
OU GB 3W-21-8-22	OU GB 3W-21-8-22	NENW	21	080S	220E	4304734686	13746	Federal	GW	P
OU GB 16SG-30-8-22	OU GB 16SG-30-8-22	SESE	30	080S	220E	4304734688	13593	Federal	GW	S
OU WIH 7W-21-8-22	OU WIH 7W-21-8-22	SWNE	21	080S	220E	4304734689	13716	Federal	GW	P
OU GB 5W-21-8-22	OU GB 5W-21-8-22	SWNW	21	080S	220E	4304734690	13770	Federal	GW	P
WIH 1MU-21-8-22	WIH 1MU-21-8-22	NENE	21	080S	220E	4304734693	14001	Federal	GW	P
OU GB 5G-19-8-22	OU GB 5G-19-8-22	SWNW	19	080S	220E	4304734695	13786	Federal	OW	P
OU GB 7W-20-8-22	OU GB 7W-20-8-22	SWNE	20	080S	220E	4304734705	13710	Federal	GW	P
OU SG 14W-15-8-22	OU SG 14W-15-8-22	SESW	15	080S	220E	4304734710	13821	Federal	GW	P
OU SG 15W-15-8-22	OU SG 15W-15-8-22	SWSE	15	080S	220E	4304734711	13790	Federal	GW	P
OU SG 16W-15-8-22	OU SG 16W-15-8-22	SESE	15	080S	220E	4304734712	13820	Federal	GW	P
OU SG 4W-15-8-22	OU SG 4W-15-8-22	NWNW	15	080S	220E	4304734713	13775	Federal	GW	P
OU SG 12W-15-8-22	OU SG 12W-15-8-22	NWSW	15	080S	220E	4304734714	13838	Federal	GW	P
OU GB 5MU-15-8-22	OU GB 5MU-15-8-22	SWNW	15	080S	220E	4304734715	13900	Federal	GW	P
OU SG 8W-15-8-22	OU SG 8W-15-8-22	SENE	15	080S	220E	4304734717	13819	Federal	GW	P
OU SG 9W-15-8-22	OU SG 9W-15-8-22	NESE	15	080S	220E	4304734718	13773	Federal	GW	P
OU SG 10W-15-8-22	OU SG 10W-15-8-22	NWSE	15	080S	220E	4304734719	13722	Federal	GW	P
OU SG 2MU-15-8-22	OU SG 2MU-15-8-22	NWNE	15	080S	220E	4304734721	13887	Federal	GW	P
OU SG 7W-15-8-22	OU SG 7W-15-8-22	SWNE	15	080S	220E	4304734722	13920	Federal	GW	P
OU GB 14SG-29-8-22	OU GB 14SG-29-8-22	SESW	29	080S	220E	4304734743	14034	Federal	GW	P
OU GB 16SG-29-8-22	OU GB 16SG-29-8-22	SESE	29	080S	220E	4304734744	13771	Federal	GW	P
OU GB 13W-10-8-22	OU GB 13W-10-8-22	SWSW	10	080S	220E	4304734754	13774	Federal	GW	P
OU GB 6MU-21-8-22	OU GB 6MU-21-8-22	SENW	21	080S	220E	4304734755	14012	Federal	GW	P
OU SG 10W-10-8-22	OU SG 10W-10-8-22	NWSE	10	080S	220E	4304734764	13751	Federal	GW	P
OU GB 14M-10-8-22	OU GB 14M-10-8-22	SESW	10	080S	220E	4304734768	13849	Federal	GW	P
OU SG 9W-10-8-22	OU SG 9W-10-8-22	NESE	10	080S	220E	4304734783	13725	Federal	GW	P
OU SG 16W-10-8-22	OU SG 16W-10-8-22	SESE	10	080S	220E	4304734784	13781	Federal	GW	P
GB 3M-27-8-21	GB 3M-27-8-21	NENW	27	080S	210E	4304734900	14614	Federal	GW	P
WVX 11D-22-8-21	WVX 11D-22-8-21	NESW	22	080S	210E	4304734902	14632	Federal	GW	DRL
GB 11M-27-8-21	GB 11M-27-8-21	NESW	27	080S	210E	4304734952	13809	Federal	GW	P
GB 9D-27-8-21	GB 9D-27-8-21	NESE	27	080S	210E	4304734956	14633	Federal	GW	DRL
GB 1D-27-8-21	GB 1D-27-8-21	NENE	27	080S	210E	4304734957	14634	Federal	GW	DRL
WRU EIH 2M-35-8-22	WRU EIH 2M-35-8-22	NWNE	35	080S	220E	4304735052	13931	Federal	GW	P
GYPSUM HILLS 12MU-20-8-21	**GH 12MU 20 8 21**	NWSW	20	080S	210E	4304735069	14129	Federal	GW	P

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
OU SG 4W-11-8-22	OU SG 4W-11-8-22	NWNW	11	080S	220E	4304735071	14814	Federal	GW	DRL
OU SG 5W-11-8-22	OU SG 5W-11-8-22	SWNW	11	080S	220E	4304735072	14815	Federal	GW	DRL
OU SG 6W-11-8-22	**SG 6ML 11 8 22**	SENW	11	080S	220E	4304735073	14825	Federal	GW	P
OU SG 5MU-14-8-22	OU SG 5MU-14-8-22	SWNW	14	080S	220E	4304735076	13989	Federal	GW	P
OU SG 6MU-14-8-22	OU SG 6MU-14-8-22	SENW	14	080S	220E	4304735077	14128	Federal	GW	P
SG 12MU-14-8-22	SG 12MU-14-8-22	NWSW	14	080S	220E	4304735078	13921	Federal	GW	P
OU SG 13MU-14-8-22	OU SG 13MU-14-8-22	SWSW	14	080S	220E	4304735079	13990	Federal	GW	P
OU SG 9MU-11-8-22	OU SG 9MU-11-8-22	NESE	11	080S	220E	4304735091	13967	Federal	GW	P
SG 11SG-23-8-22	SG 11SG-23-8-22	NESW	23	080S	220E	4304735099	13901	Federal	GW	S
OU SG 14W-11-8-22	OU SG 14W-11-8-22	SESW	11	080S	220E	4304735114	14797	Federal	GW	DRL
SG 5MU-23-8-22	SG 5MU-23-8-22	SWNW	23	080S	220E	4304735115	14368	Federal	GW	P
SG 6MU-23-8-22	SG 6MU-23-8-22	SENW	23	080S	220E	4304735116	14231	Federal	GW	P
SG 14MU-23-8-22	SG 14MU-23-8-22	SESW	23	080S	220E	4304735117	14069	Federal	GW	P
SG 13MU-23-8-22	SG 13MU-23-8-22	SWSW	23	080S	220E	4304735190	14103	Federal	GW	P
WH 7G-10-7-24	WH 7G-10-7-24	SWNE	10	070S	240E	4304735241	14002	Federal	GW	P
GB 4D-28-8-21	GB 4D-28-8-21	NWNW	28	080S	210E	4304735246	14645	Federal	GW	P
GB 7M-28-8-21	GB 7M-28-8-21	SWNE	28	080S	210E	4304735247	14432	Federal	GW	P
GB 14M-28-8-21	GB 14M-28-8-21	SESW	28	080S	210E	4304735248	13992	Federal	GW	P
SG 11MU-23-8-22	SG 11MU-23-8-22	NESW	23	080S	220E	4304735257	13973	Federal	GW	P
SG 15MU-14-8-22	SG 15MU-14-8-22	SWSE	14	080S	220E	4304735328	14338	Federal	GW	P
EIHX 14MU-25-8-22	EIHX 14MU-25-8-22	SESW	25	080S	220E	4304735330	14501	Federal	GW	P
EIHX 11MU-25-8-22	EIHX 11MU-25-8-22	NESW	25	080S	220E	4304735331	14470	Federal	GW	P
NBE 12ML-10-9-23	NBE 12ML-10-9-23	NWSW	10	090S	230E	4304735333	14260	Federal	GW	P
NBE 13ML-17-9-23	NBE 13ML-17-9-23	SWSW	17	090S	230E	4304735334	14000	Federal	GW	P
NBE 4ML-26-9-23	NBE 4ML-26-9-23	NWNW	26	090S	230E	4304735335	14215	Federal	GW	P
SG 7MU-11-8-22	SG 7MU-11-8-22	SWNE	11	080S	220E	4304735374	14635	Federal	GW	P
SG 1MU-11-8-22	SG 1MU-11-8-22	NENE	11	080S	220E	4304735375	14279	Federal	GW	P
OU SG 13W-11-8-22	OU SG 13W-11-8-22	SWSW	11	080S	220E	4304735377	14796	Federal	GW	DRL
SG 3MU-11-8-22	SG 3MU-11-8-22	NENW	11	080S	220E	4304735379	14978	Federal	GW	P
SG 8MU-11-8-22	SG 8MU-11-8-22	SENE	11	080S	220E	4304735380	14616	Federal	GW	P
SG 2MU-11-8-22	SG 2MU-11-8-22	NWNE	11	080S	220E	4304735381	14636	Federal	GW	P
SG 10MU-11-8-22	SG 10MU-11-8-22	NWSE	11	080S	220E	4304735382	14979	Federal	GW	P
OU GB 8MU-10-8-22	OU GB 8MU-10-8-22	SENE	10	080S	220E	4304735422	15321	Federal	GW	DRL
EIHX 2MU-25-8-22	EIHX 2MU-25-8-22	NWNE	25	080S	220E	4304735427	14666	Federal	GW	P
EIHX 1MU-25-8-22	EIHX 1MU-25-8-22	NENE	25	080S	220E	4304735428	14705	Federal	GW	P
EIHX 7MU-25-8-22	EIHX 7MU-25-8-22	SWNE	25	080S	220E	4304735429	14682	Federal	GW	P
EIHX 8MU-25-8-22	EIHX 8MU-25-8-22	SENE	25	080S	220E	4304735430	14706	Federal	GW	P
EIHX 9MU-25-8-22	EIHX 9MU-25-8-22	NESE	25	080S	220E	4304735433	14558	Federal	GW	P
EIHX 16MU-25-8-22	EIHX 16MU-25-8-22	SESE	25	080S	220E	4304735434	14502	Federal	GW	P
EIHX 15MU-25-8-22	EIHX 15MU-25-8-22	SWSE	25	080S	220E	4304735435	14571	Federal	GW	P
EIHX 10MU-25-8-22	EIHX 10MU-25-8-22	NWSE	25	080S	220E	4304735436	14537	Federal	GW	P
GB 3MU-3-8-22	GB 3MU-3-8-22	NENW	03	080S	220E	4304735457	14575	Federal	GW	P

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
NBE 15M-17-9-23	NBE 15M-17-9-23	SWSE	17	090S	230E	4304735463	14423	Federal	GW	P
NBE 7ML-17-9-23	NBE 7ML-17-9-23	SWNE	17	090S	230E	4304735464	14232	Federal	GW	P
NBE 3ML-17-9-23	NBE 3ML-17-9-23	NENW	17	090S	230E	4304735465	14276	Federal	GW	P
NBE 11M-17-9-23	NBE 11M-17-9-23	NESW	17	090S	230E	4304735466	14431	Federal	GW	P
NBE 10ML-10-9-23	NBE 10ML-10-9-23	NWSE	10	090S	230E	4304735650	14377	Federal	GW	P
NBE 6ML-10-9-23	NBE 6ML-10-9-23	SENW	10	090S	230E	4304735651	14422	Federal	GW	P
NBE 12ML-17-9-23	NBE 12ML-17-9-23	NWSW	17	090S	230E	4304735652	14278	Federal	GW	P
NBE 6ML-26-9-23	NBE 6ML-26-9-23	SENW	26	090S	230E	4304735664	14378	Federal	GW	P
NBE 11ML-26-9-23	NBE 11ML-26-9-23	NESW	26	090S	230E	4304735665	14340	Federal	GW	P
NBE 15ML-26-9-23	NBE 15ML-26-9-23	SWSE	26	090S	230E	4304735666	14326	Federal	GW	P
SG 4MU-23-8-22	SG 4MU-23-8-22	NWNW	23	080S	220E	4304735758	14380	Federal	GW	P
RWS 8ML-14-9-24	RWS 8ML-14-9-24	SENE	14	090S	240E	4304735803	14539	Federal	GW	S
SG 11MU-14-8-22	SG 11MU-14-8-22	NESW	14	080S	220E	4304735829	14486	Federal	GW	P
RB DS FED 1G-7-10-18	RB DS FED 1G-7-10-18	NENE	07	100S	180E	4304735932	14457	Federal	OW	S
RB DS FED 14G-8-10-18	RB DS FED 14G-8-10-18	SESW	08	100S	180E	4304735933	14433	Federal	OW	P
OU SG 14MU-14-8-22	OU SG 14MU-14-8-22	SESW	14	080S	220E	4304735950	14479	Federal	GW	P
COY 10ML-14-8-24	COY 10ML-14-8-24	NWSE	14	080S	240E	4304736038		Federal	GW	APD
COY 12ML-24-8-24	COY 12ML-24-8-24	NWSW	24	080S	240E	4304736039	14592	Federal	OW	P
WIH 1AMU-21-8-22	WIH 1AMU-21-8-22	NENE	21	080S	220E	4304736060	14980	Federal	GW	P
NBE 4ML-10-9-23	NBE 4ML-10-9-23	NWNW	10	090S	230E	4304736098	15732	Federal	GW	P
NBE 8ML-10-9-23	NBE 8ML-10-9-23	SENE	10	090S	230E	4304736099	15733	Federal	GW	P
NBE 16ML-10-9-23	NBE 16ML-10-9-23	SESE	10	090S	230E	4304736100	14728	Federal	GW	P
NBE 8ML-12-9-23	NBE 8ML-12-9-23	SENE	12	090S	230E	4304736143	15859	Federal	GW	DRL
WH 12G-11-7-24	WH 12G-11-7-24	NWSW	11	070S	240E	4304736195		Federal	GW	APD
HC 16M-6-7-22	HC 16M-6-7-22	SESE	06	070S	220E	4304736197		Federal	GW	APD
HC 14M-6-7-22	HC 14M-6-7-22	SESW	06	070S	220E	4304736198		Federal	GW	APD
WWT 8ML-25-8-24	WWT 8ML-25-8-24	SENE	25	080S	240E	4304736199		Federal	GW	APD
GB 16D-28-8-21	GB 16D-28-8-21	SESE	28	080S	210E	4304736260	14981	Federal	GW	P
WH 7G-3-7-24	WH 7G-3-7-24	SWNE	03	070S	240E	4304736347		Federal	GW	APD
NBE 5ML-10-9-23	NBE 5ML-10-9-23	SWNW	10	090S	230E	4304736353	15227	Federal	GW	P
NBE 7ML-10-9-23	NBE 7ML-10-9-23	SWNE	10	090S	230E	4304736355	15850	Federal	GW	DRL
NBE 3ML-10-9-23	NBE 3ML-10-9-23	NENW	10	090S	230E	4304736356	15393	Federal	GW	P
WH 4G-10-7-24	WH 4G-10-7-24	NWNW	10	070S	240E	4304736359		Federal	GW	APD
EIHX 4MU-36-8-22	EIHX 4MU-36-8-22	NWNW	36	080S	220E	4304736444	14875	Federal	GW	P
EIHX 3MU-36-8-22	EIHX 3MU-36-8-22	NENW	36	080S	220E	4304736445	14860	Federal	GW	P
EIHX 2MU-36-8-22	EIHX 2MU-36-8-22	NWNE	36	080S	220E	4304736446	14840	Federal	GW	P
EIHX 1MU-36-8-22	EIHX 1MU-36-8-22	NENE	36	080S	220E	4304736447	14861	Federal	GW	P
WWT 2ML-24-8-24	WWT 2ML-24-8-24	NWNE	24	080S	240E	4304736515		Federal	GW	APD
RWS 1ML-1-9-24	RWS 1ML-1-9-24	NENE	01	090S	240E	4304736517		Federal	GW	APD
RWS 3ML-1-9-24	RWS 3ML-1-9-24	NENW	01	090S	240E	4304736518		Federal	GW	APD
RWS 9ML-1-9-24	RWS 9ML-1-9-24	NESE	01	090S	240E	4304736519		Federal	GW	APD
RWS 15ML-1-9-24	RWS 15ML-1-9-24	SWSE	01	090S	240E	4304736521		Federal	GW	APD

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
BSW 1ML-12-9-24	BSW 1ML-12-9-24	NENE	12	090S	240E	4304736522		Federal	GW	APD
BSW 11ML-13-9-24	BSW 11ML-13-9-24	NESW	13	090S	240E	4304736523		Federal	GW	APD
NBE 7ML-26-9-23	NBE 7ML-26-9-23	SWNE	26	090S	230E	4304736587	16008	Federal	GW	DRL
NBE 8ML-26-9-23	NBE 8ML-26-9-23	SENE	26	090S	230E	4304736588	15689	Federal	GW	P
NBE 1ML-26-9-23	NBE 1ML-26-9-23	NENE	26	090S	230E	4304736589	15880	Federal	GW	DRL
NBE 2ML-26-9-23	NBE 2ML-26-9-23	NWNE	26	090S	230E	4304736590	15898	Federal	GW	DRL
NBE 3ML-26-9-23	NBE 3ML-26-9-23	NENW	26	090S	230E	4304736591	15906	Federal	GW	DRL
NBE 5ML-26-9-23	NBE 5ML-26-9-23	SWNW	26	090S	230E	4304736592	15839	Federal	GW	DRL
NBE 9ML-10-9-23	NBE 9ML-10-9-23	NESE	10	090S	230E	4304736593	15438	Federal	GW	P
NBE 11ML-10-9-23	NBE 11ML-10-9-23	NESW	10	090S	230E	4304736594	15228	Federal	GW	P
NBE 15ML-10-9-23	NBE 15ML-10-9-23	SWSE	10	090S	230E	4304736595	15439	Federal	GW	P
NBE 1ML-12-9-23	NBE 1ML-12-9-23	NENE	12	090S	230E	4304736613		Federal	GW	APD
NBE 2ML-17-9-23	NBE 2ML-17-9-23	NWNE	17	090S	230E	4304736614	15126	Federal	GW	P
NBE 4ML-17-9-23	NBE 4ML-17-9-23	NWNW	17	090S	230E	4304736615	15177	Federal	GW	P
NBE 6ML-17-9-23	NBE 6ML-17-9-23	SENW	17	090S	230E	4304736616	15127	Federal	GW	P
NBE 10ML-17-9-23	NBE 10ML-17-9-23	NWSE	17	090S	230E	4304736617	15128	Federal	GW	P
NBE 14ML-17-9-23	NBE 14ML-17-9-23	SESW	17	090S	230E	4304736618	15088	Federal	GW	P
NBE 9ML-26-9-23	NBE 9ML-26-9-23	NESE	26	090S	230E	4304736619	15322	Federal	GW	P
NBE 10D-26-9-23	NBE 10D-26-9-23	NWSE	26	090S	230E	4304736620	15975	Federal	GW	DRL
NBE 12ML-26-9-23	NBE 12ML-26-9-23	NWSW	26	090S	230E	4304736621	15840	Federal	GW	DRL
NBE 13ML-26-9-23	NBE 13ML-26-9-23	SWSW	26	090S	230E	4304736622	15690	Federal	GW	P
NBE 14ML-26-9-23	NBE 14ML-26-9-23	SESW	26	090S	230E	4304736623	15262	Federal	GW	P
NBE 16ML-26-9-23	NBE 16ML-26-9-23	SESE	26	090S	230E	4304736624	15735	Federal	GW	P
RWS 13ML-14-9-24	RWS 13ML-14-9-24	SWSW	14	090S	240E	4304736737		Federal	GW	APD
RWS 12ML-14-9-24	RWS 12ML-14-9-24	NWSW	14	090S	240E	4304736738		Federal	GW	APD
SG 3MU-23-8-22	SG 3MU-23-8-22	SESW	14	080S	220E	4304736940	15100	Federal	GW	P
NBE 5ML-17-9-23	NBE 5ML-17-9-23	SWNW	17	090S	230E	4304736941	15101	Federal	GW	P
WWT 2ML-25-8-24	WWT 2ML-25-8-24	NWNE	25	080S	240E	4304737301		Federal	GW	APD
WWT 1ML-25-8-24	WWT 1ML-25-8-24	NENE	25	080S	240E	4304737302		Federal	GW	APD
HK 15ML-19-8-25	HK 15ML-19-8-25	SWSE	19	080S	250E	4304737303		Federal	GW	APD
WT 13ML-19-8-25	WT 13ML-19-8-25	SWSW	19	080S	250E	4304737304		Federal	GW	APD
HK 3ML-29-8-25	HK 3ML-29-8-25	NENW	29	080S	250E	4304737305		Federal	GW	APD
HK 5ML-29-8-25	HK 5ML-29-8-25	SWNW	29	080S	250E	4304737330		Federal	GW	APD
HK 2ML-30-8-25	HK 2ML-30-8-25	NWNE	30	080S	250E	4304737331		Federal	GW	APD
HK 5ML-30-8-25	HK 5ML-30-8-25	SWNW	30	080S	250E	4304737332		Federal	GW	APD
HK 10ML-30-8-25	HK 10ML-30-8-25	NWSE	30	080S	250E	4304737333		Federal	GW	APD
HK 14ML-30-8-25	HK 14ML-30-8-25	SESW	30	080S	250E	4304737334		Federal	GW	APD
HK 6ML-30-8-25	HK 6ML-30-8-25	SENW	30	080S	250E	4304737348		Federal	GW	APD
HK 8ML-30-8-25	HK 8ML-30-8-25	SENE	30	080S	250E	4304737349		Federal	GW	APD
WWT 7ML-25-8-24	WWT 7ML-25-8-24	SWNE	25	080S	240E	4304737407		Federal	GW	APD
WWT 9ML-25-8-24	WWT 9ML-25-8-24	NESE	25	080S	240E	4304737408		Federal	GW	APD
WWT 10ML-25-8-24	WWT 10ML-25-8-24	NWSE	25	080S	240E	4304737409		Federal	GW	APD

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WWT 15ML-25-8-24	WWT 15ML-25-8-24	SWSE	25	080S	240E	4304737410		Federal	GW	APD
BBS 15G-22-7-21	BBS 15G-22-7-21	SWSE	22	070S	210E	4304737443	15688	Federal	OW	P
WWT 15ML-13-8-24	WWT 15ML-13-8-24	SWSE	13	080S	240E	4304737524		Federal	GW	APD
WWT 16ML-13-8-24	WWT 16ML-13-8-24	SESE	13	080S	240E	4304737525		Federal	GW	APD
COY 6ML-23-8-24	COY 6ML-23-8-24	SENW	23	080S	240E	4304737526		Federal	GW	APD
NBZ 8ML-23-8-24	NBZ 8ML-23-8-24	SENE	23	080S	240E	4304737527		Federal	GW	APD
COY 9ML-23-8-24	COY 9ML-23-8-24	NESE	23	080S	240E	4304737528		Federal	GW	APD
NBZ 15ML-23-8-24	NBZ 15ML-23-8-24	SWSE	23	080S	240E	4304737529		Federal	GW	APD
COY 16ML-23-8-24	COY 16ML-23-8-24	SESE	23	080S	240E	4304737530		Federal	GW	APD
COY 5ML-24-8-24	COY 5ML-24-8-24	SWNW	24	080S	240E	4304737531		Federal	GW	APD
COY 6ML-24-8-24	COY 6ML-24-8-24	SENW	24	080S	240E	4304737532		Federal	GW	APD
COY 6ML-21-8-24	COY 6ML-21-8-24	SENW	21	080S	240E	4304737584		Federal	GW	APD
COY 4ML-21-8-24	COY 4ML-21-8-24	NWNW	21	080S	240E	4304737585		Federal	GW	APD
COY 14ML-21-8-24	COY 14ML-21-8-24	SESW	21	080S	240E	4304737586		Federal	GW	APD
COY 15ML-21-8-24	COY 15ML-21-8-24	SWSE	21	080S	240E	4304737587		Federal	GW	NEW
WWT 1ML-24-8-24	WWT 1ML-24-8-24	NENE	24	080S	240E	4304737590		Federal	GW	APD
RWS 13ML-23-9-24	RWS 13ML-23-9-24	SWSW	23	090S	240E	4304737591		Federal	GW	APD
WWT 8ML-24-8-24	WWT 8ML-24-8-24	SENE	24	080S	240E	4304737640		Federal	GW	APD
GB 16ML-20-8-22	GB 16ML-20-8-22	SESE	20	080S	220E	4304737664	15948	Federal	GW	DRL
NBZ 1ML-29-8-24	NBZ 1ML-29-8-24	NENE	29	080S	240E	4304737666		Federal	GW	APD
WWT 16ML-24-8-24	WWT 16ML-24-8-24	SESE	24	080S	240E	4304737930		Federal	GW	APD
WWT 15ML-24-8-24	WWT 15ML-24-8-24	SWSE	24	080S	240E	4304737931		Federal	GW	APD
COY 14ML-24-8-24	COY 14ML-24-8-24	SESW	24	080S	240E	4304737932		Federal	GW	APD
COY 13ML-24-8-24	COY 13ML-24-8-24	SWSW	24	080S	240E	4304737933		Federal	GW	APD
COY 11ML-24-8-24	COY 11ML-24-8-24	NESW	24	080S	240E	4304737934		Federal	GW	APD
COY 15ML-14-8-24	COY 15ML-14-8-24	SWSE	14	080S	240E	4304737935		Federal	GW	APD
COY 14ML-14-8-24	COY 14ML-14-8-24	SESW	14	080S	240E	4304737936		Federal	GW	APD
COY 12ML-14-8-24	COY 12ML-14-8-24	NWSW	14	080S	240E	4304737937		Federal	GW	APD
COY 11ML-14-8-24	COY 11ML-14-8-24	NESW	14	080S	240E	4304737938		Federal	GW	APD
WVX 8ML-5-8-22	WVX 8ML-5-8-22	SENE	05	080S	220E	4304738140		Federal	GW	APD
WVX 6ML-5-8-22	WVX 6ML-5-8-22	SENW	05	080S	220E	4304738141		Federal	GW	APD
BBS 5G-23-7-21	BBS 5G-23-7-21	SWNW	23	070S	210E	4304738471		Federal	OW	APD
GB 12SG-29-8-22	GB 12SG-29-8-22	NWSW	29	080S	220E	4304738766		Federal	GW	APD
GB 10SG-30-8-22	GB 10SG-30-8-22	NWSE	30	080S	220E	4304738767		Federal	GW	APD
NBE 12SWD-10-9-23	NBE 12SWD-10-9-23	NWSW	10	090S	230E	4304738875		Federal	WD	APD
OP 16MU-3-7-20	OP 16MU-3-7-20	SESE	03	070S	200E	4304738944		Federal	OW	APD
WF 1P-1-15-19	WF 1P-1-15-19	NWNW	06	150S	200E	4304736781	14862	Indian	GW	S

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
7. UNIT or CA AGREEMENT NAME: see attached
8. WELL NAME and NUMBER: see attached
9. API NUMBER: attached
10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 308-3068
4. LOCATION OF WELL
FOOTAGES AT SURFACE: attached
COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 1/1/2007	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Operator Name Change
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:
Federal Bond Number: 965002976 (BLM Reference No. ESB000024)
Utah State Bond Number: 965003033
Fee Land Bond Number: 965003033
Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.

Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

Jay B. Neese, Executive Vice President
Questar Exploration and Production Company

NAME (PLEASE PRINT) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs
SIGNATURE DATE 3/16/2007

(This space for State use only)

RECEIVED
APR 19 2007
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: see attached	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached	
7. UNIT or CA AGREEMENT NAME: see attached	
1 TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER	8. WELL NAME and NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY	9. API NUMBER: attached
3 ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265	PHONE NUMBER: (303) 308-3068 / 10. FIELD AND POOL, OR WILDCAT:
4 LOCATION OF WELL: FOOTAGES AT SURFACE: attached	COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 1/1/2007	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Well Name Changes
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs

SIGNATURE [signature] DATE 4/17/2007

(This space for State use only)

RECEIVED
APR 19 2007
DIV. OF OIL, GAS & MINING

(5/2000)

(See Instructions on Reverse Side)

Form 3160-5
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
UTU-68219

6. If Indian, Allottee or Tribe Name
UTE TRIBE

7. If Unit or CA/Agreement, Name and/or No.
N/A

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
NDC 11M-22-8-21

2. Name of Operator
QEP Uinta Basin, Inc. Contact: Jim Davidson

9. API Well No.
43-047-34902

3a. Address
11002 East 17500 South, Vernal, UT 84078

3b. Phone No. *(include area code)*
303-308-3090

10. Field and Pool, or Exploratory Area
WONSITS VALLEY

3
2390' FSL 1919' FWL, NESW, SECTION 22, T8S, R21E

11. County or Parish, State
UINTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	Other
	☒ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	**TD CHANGE**
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days Following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

QEP Uinta Basin, Inc. proposes to drill this well to the Dakota formation. The proposed TD was 12,750' the new proposed TD will be 16,700'. Please refer to revised 8-point drilling plan, cement and BOP.

QEP Uinta Basin, Inc. proposes to change well name from NDC 11M-22-8-21 to WVX 11M-22-8-21.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 01-09-07
By:

COPY SENT TO OPERATOR
Date: 1-9-07
Initials: RM

14. I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)*	Title
Jan Nelson	Regulatory Affairs
Signature	Date
	January 5, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED
JAN 09 2007
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

Formation	Depth
Uinta	Surface
Green River	2,441'
Wasatch	5,901'
Mesaverde	8,836'
Sego	11,336'
Castlegate	11,411'
Blackhawk	11,734'
Mancos Shale	12,176'
Mancos B	12,604'
Frontier	15,358'
Dakota Silt	16,256'
Dakota	16,450'
TD	16,700'

2. Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas. Or other mineral bearing formations are expected to be encountered are as follows:

Substance	Formation	Depth
Gas	Wasatch	5,901'
Gas	Mesaverde	8,836'
Gas	Blackhawk	11,734'
Gas	Mancos Shale	12,176'
Gas	Mancos B	12,604'
Gas	Dakota	16,450'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

DRILLING PROGRAM

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

3. Operator's Specification for Pressure Control Equipment:

A. 13-5/8" 5000 psi double gate, 5,000 psi annular BOP (schematic included) from surface hole to 9-5/8" casing point.

B. 11" 10,000 psi double gate, 10,000 psi single gate, 10,000 psi annular BOP (schematic included) from 9-5/8" casing point to total depth.

C. Functional test daily

D. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.

E. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 10M system and individual components shall be operable as designed.

4. Casing Design:

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.
26"	20"	sfc	40-60'	Steel	Cond.	None	Used

DRILLING PROGRAM

17-1/2"	13-3/8	sfc	500'	54.5	K-55	STC	New
12-1/4"	9-5/8"	sfc	9000'	47	HCP-110	LTC	New
8-1/2"	7"	8700'	12,300'	29* SDrift	HCP-110	LTC	New
6-1/8"	4-1/2"	sfc	13,700'	15.1	P-110	LTC	New
6-1/8"	4-1/2"	13,700'	16,700'	15.1	Q-125	LTC	New

Casing Strengths:				Collapse	Burst	Tensile (minimum)
13-3/8"	54.5 lb.	K-55	STC	1,130 psi	2,730 psi	547,000 lb.
9-5/8"	47 lb.	HCP-110	LTC	7,100 psi	9,440 psi	1,213,000 lb.
7"	29 lb.*	HCP-110	LTC	9,200 psi	11,220 psi	797,000 lb.
4-1/2"	15.1 lb.	P-110	LTC	14,350 psi	14,420 psi	406,000 lb.
4-1/2"	15.1 lb.	Q-125	LTC	15,840 psi	16,380 psi	438,000 lb.

*** Special Drift**

MINIMUM DESIGN FACTORS:

COLLAPSE: 1.125
BURST: 1.10
TENSION: 1.80

Area Fracture Gradient: 0.9 psi/foot
Maximum anticipated mud weight: 15.4 ppg
Maximum surface treating pressure: 12,500 psi

5. **Auxiliary Equipment**

A. Kelly Cock – yes

B. Float at the bit – yes

C. Monitoring equipment on the mud system – visually and/or PVT/Flow Show

D. Full opening safety valve on the rig floor – yes

E. Rotating Head – yes

DRILLING PROGRAM

If drilling with air the following will be used:

F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.

G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').

H. Compressor shall be tied directly to the blooie line through a manifold.

I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 15.4 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

6. Testing, logging and coring program

A. Cores – none anticipated

B. DST – none anticipated

C. Logging – Mud logging – 4500' to TD
GR-SP-Induction, Neutron Density, FMI

D. Formation and Completion Interval: Mancos interval, final determination of completion will be made by analysis of logs.
Stimulation – Stimulation will be designed for the particular area of interest as encountered.

7. Cementing Program

20" Conductor:
Cement to surface with construction cement.

DRILLING PROGRAM

13-3/8" Surface Casing: sfc – 500' (MD)
Slurry: 0' – 500'. 610 sxs (731 cu ft) Premium cement + 0.25 lbs/sk Flocele + 2% $CaCl_2$ Slurry wt: 15.6 ppg, slurry yield: 1.20 ft^3/sx, slurry volume: 17-1/2" hole + 100% excess.

9-5/8" Intermediate Casing: sfc - 9000' (MD)
Lead Slurry: 0' – 8,900'. 1880 sks (665 bbls) Foamed Lead 50/50 Poz cement + 0.1 % FDP-C766-05 (Low Fluid Loss Control) + 5 #/sx Silicate Compacted + 20 % SSA-1 + 0.1 % Versaset + 1.5 % Zonesealant 2000 (Foamer) Slurry wt: 14.3 ppg, (unfoamed) Slurry yield: 1.47 ft^3/sk (unfoamed), Slurry volume: 12-1/4" hole + 35 % excess.
Tail Slurry: 8,900' – 9,000'. 160 sks (40.73 bbls) Tail 50/50 Poz cement + 0.1 % FDP-C766-05 (Low Fluid Loss Control) + 5 #/sx Silicate Compacted + 20 % SSA-1 + 0.1 % Versaset Slurry wt: 14.3 ppg, Slurry yield: 1.47 ft^3/sk, Slurry volume: 12-1/4" hole + 35% excess.

7" Intermediate Casing: 8700 - 12,300' (MD)
Foamed Lead Slurry 2: 8,700' – 12,300'. 310 sks (1046 cu ft) 50/50 Poz Premium + 20% SSA-1 + 3 % silicalite compacted + 0.5% Halad 344 + 0.2% Halad 413 + 0.1% HR-12 + 0.7% Super CBL + 0.2% Suspend Slurry wt: 14.0 ppg,, Slurry yield: 1.59 ft^3/sk, Slurry volume: 8-1/2" hole + 25% excess.

4-1/2" Production Casing: sfc - 16,700' (MD)
Lead/Tail Slurry: 3,200 - 16,700'. 2040 sks (1630 cu ft) Premium Cement + 17.5% SSA-1, + 4% Microbond HT, + 0.2% Halad 344 + 0.5% Halad 413, + 0.3% CFR-3, + 0.9% HR-12, + 0.2% Super CBL, + 0.2% Suspend HT, 17.5% SSA-2. Slurry wt: 16.2 ppg, Slurry yield: 1.49 ft^3/sk, Slurry volume: 6-1/8" hole + 35% in open hole section.

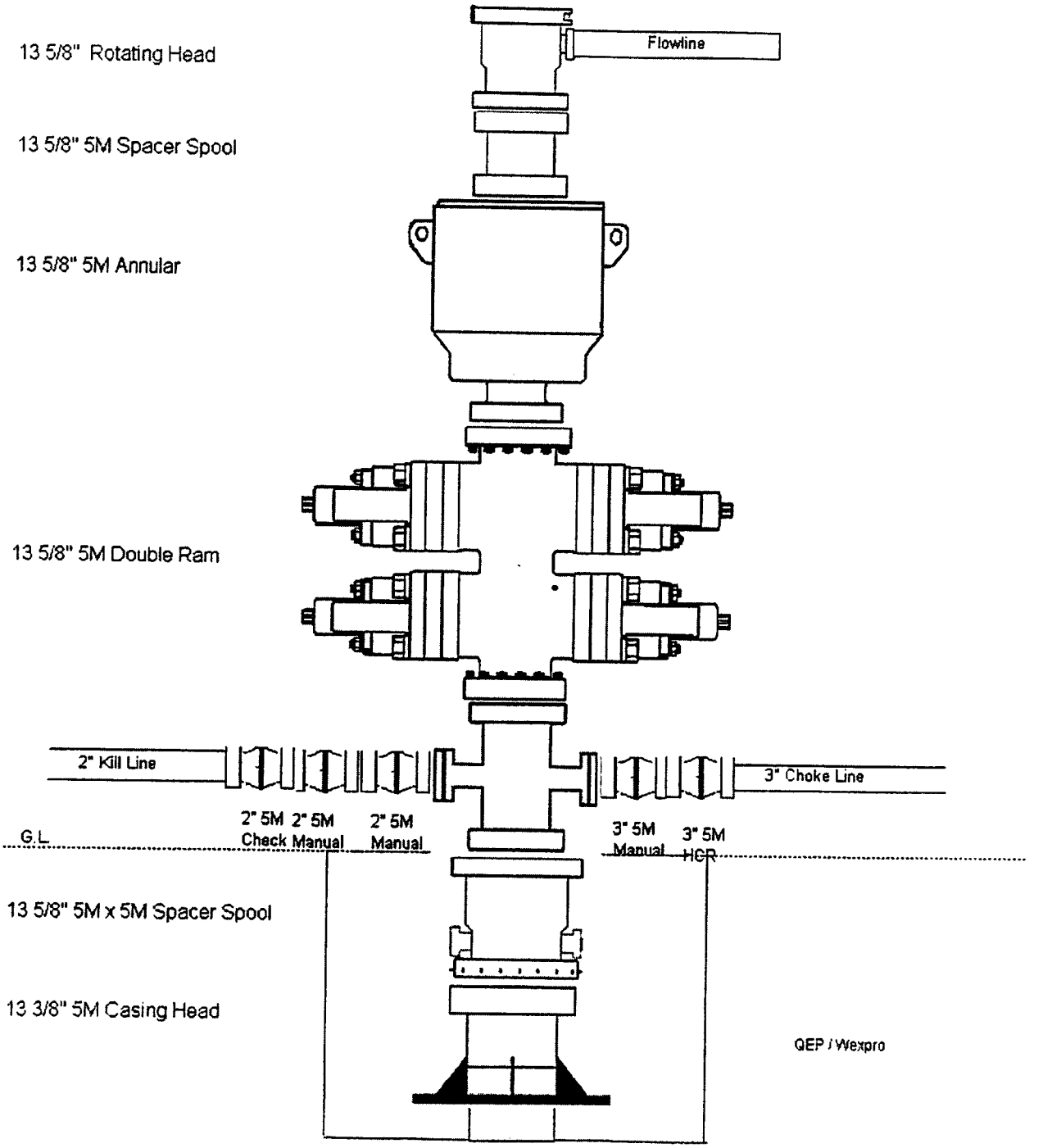
*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface on the intermediate string and 5,000' on the production string. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

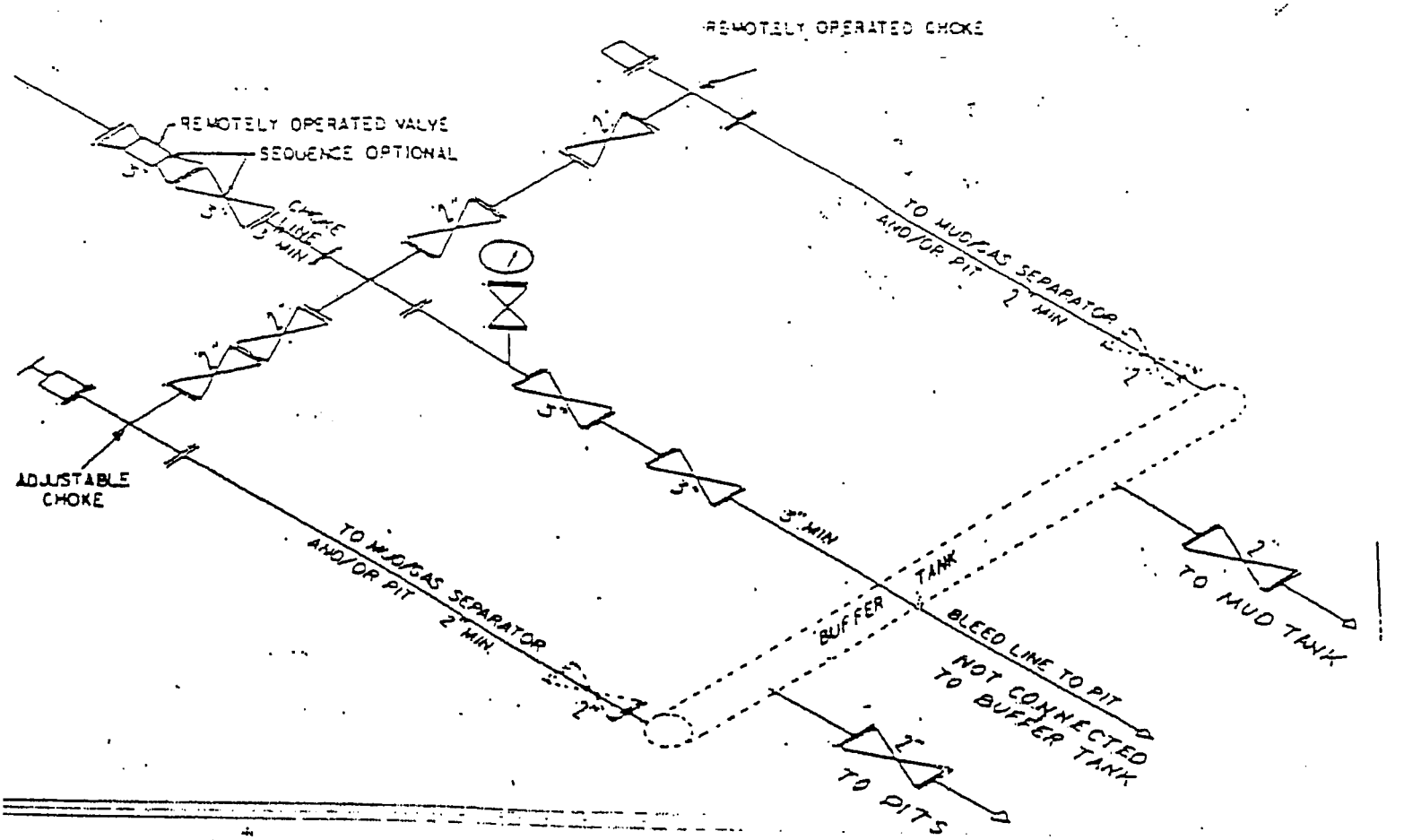
8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H2S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 13,000 psi. Maximum anticipated bottom hole temperature is 320° F.

ONSHORE OIL & GAS ORDER NO. 1
QEP UINTA BASIN, INC.
WVX 11D-22-8-21

DRILLING PROGRAM





(2) 5M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION OF CHOKES MAY VARY

[FR Doc. 88-26738 Filed 11-17-88; 8:45 am]
BILLING CODE 4310-84-C

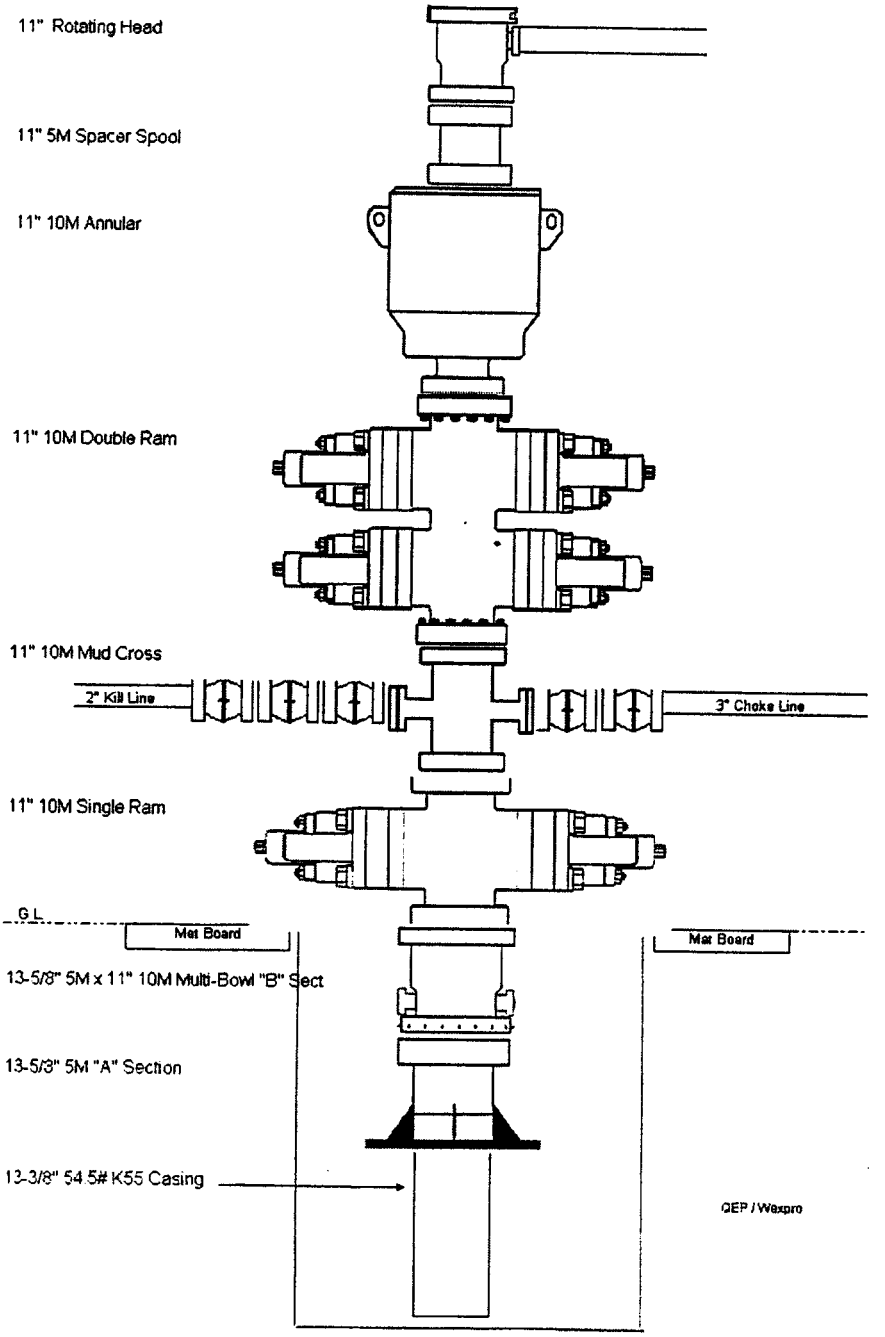
ONSHORE OIL & GAS ORDER NO. 1
QEP UINTA BASIN, INC.
WVX 11D-22-8-21

DRILLING PROGRAM

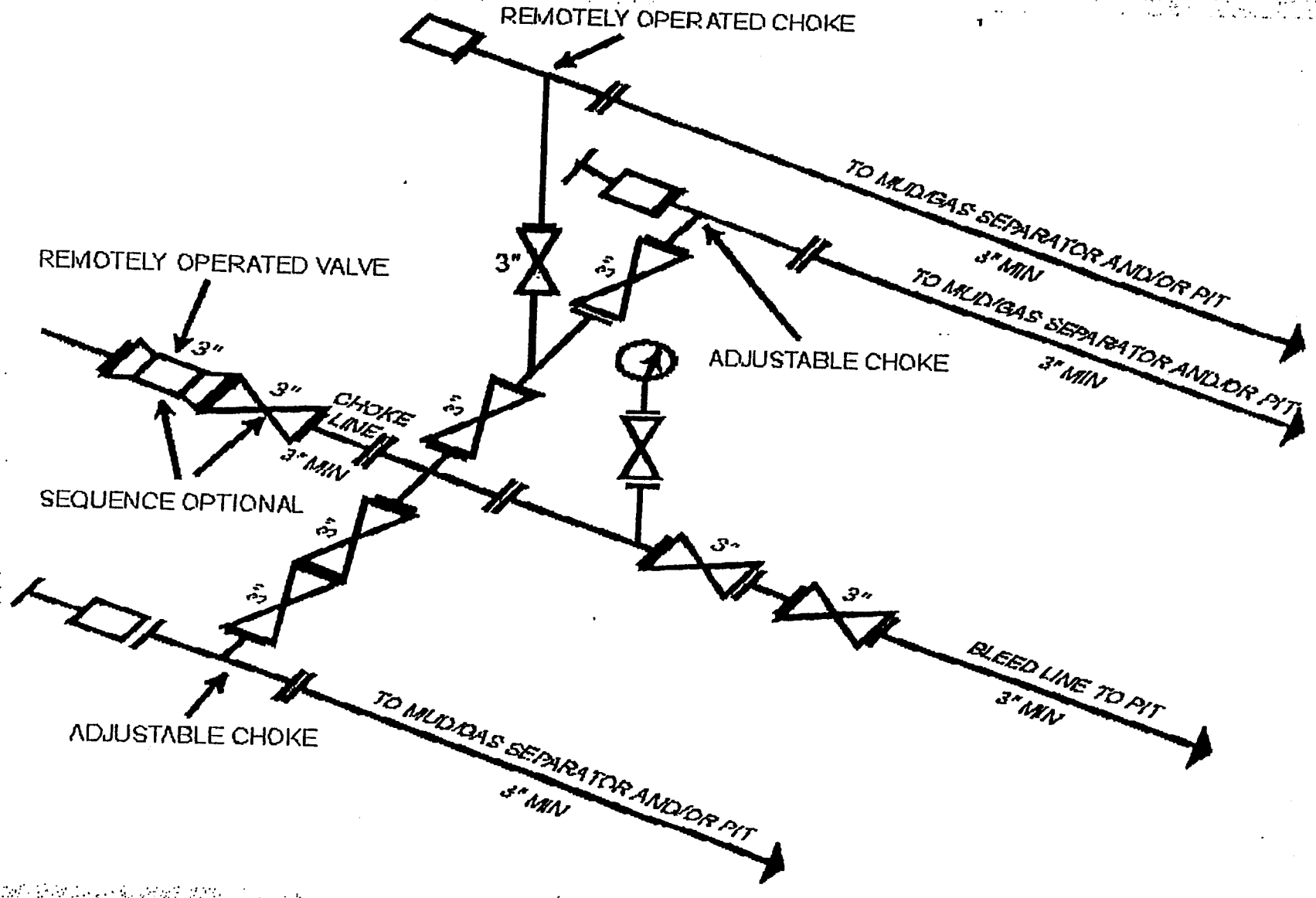
Purpose:

The stack arrangement with the 7" liner hanger allows an 11" stack to fit in the sub of Ensign 24 and True 32. This arrangement requires using a 5000 psi 13-5/8 double gate stack until the 9-5/8" is set. After the 9-5/8" casing is set, a spacer spool is nippled down and an 13-5/8" 5000 psi x 13-5/8" 10,000 psi "B" section is nippled up. The 11" 10K stack is nippled up on top of the "B" section.

BOP Requirements:



Attachment I. Diagrams of Choke Manifold Equipment



I-4 10M and 15M Choke Manifold Equipment -- Configuration of chokes may vary

[54 FR 39528, Sept. 27, 1989]

Form 3160-5
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
UTU-68219

6. If Indian, Allottee or Tribe Name
UTE TRIBE

7. If Unit or CA/Agreement, Name and/or No.
N/A

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
WVX 11M-22-8-21

2. Name of Operator
QEP Uinta Basin, Inc. Contact: Jan Nelson

9. API Well No.
43-047-34902

3a. Address
1571 East 1700 South, Vernal, UT 84078

3b. Phone No. *(include area code)*
435-781-4032

10. Field and Pool, or Exploratory Area
WONSITS VALLEY

3
2390' FSL 1919' FWL, NESW, SECTION 22, T8S, R21E

CONFIDENTIAL

11. County or Parish, State
UINTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	☒ NAME CHANGE
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days Following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

QEP Uinta Basin, Inc. proposes to change well name from WVX 11M-22-8-21 TO WVX 11D-22-8-21.

14. I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)*	Title
Jan Nelson	Regulatory Affairs
Signature	Date
Jan Nelson	January 31, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

FEB 05 2007

DIV. OF OIL, GAS

Form 3160-5
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS CONFIDENTIAL

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
UTU-68218

6. If Indian, Allottee or Tribe Name
UTE TRIBE

7. If Unit or CA/Agreement, Name and/or No.
N/A

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
WVX 11M-22-8-21

2. Name of Operator
QEP Uinta Basin, Inc. Contact: Jan Nelson

9. API Well No.
43-047-34902

3a. Address
1571 East 1700 South, Vernal, UT 84078

3b. Phone No. *(include area code)*
435-781-4032

10. Field and Pool, or Exploratory Area
WONSITS VALLEY

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
2390' FSL 1919' FWL, NESW, SECTION 22, T8S, R21E

11. County or Parish, State
Uintah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days Following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

QEP Uinta Basin, Inc set Conductor on 3/15/05. This location is on the Questar Drilling Schedule for April 2007.

14. I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)*	Title
Laura Bills	Regulatory Assistant
Signature: Laura Bills	Date: February 6, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED
FEB 09 2007
DIV. OF OIL, GAS & MINING

(Instructions on reverse)

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
UTU-68218

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation

1. Type of Well
Oil Well [ ] Gas Well [X] Other [ ]

8. Well Name and No.
WVX 11D 22 8 21

2. Name of Operator
QEP, UINTA BASIN, INC.

9. API Well No.
43-047-34902

3. Address and Telephone No.
1571 E. 1700 S. - VERNAL, UT 84078-8526
Contact: Dahn.Caldwell@questar.com
435-781-4342 Fax 435-781-4357

10. Field and Pool, or Exploratory Area
WONSITS VALLEY

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2390' FSL, 1919' FWL, NESW, SEC 22-T8S-R21E

11. County or Parish, State
UINTAH , UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **SPUD**	[ ] Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

On 4/14/07 - Drilled 80' of 27" conductor hole. Ran 80' of 20" conductor pipe. Cement w/ Ready Mix.

On 4/20/07 – Drilled 540' of 17.5" hole for surface. Run 14 jts of 13-3/8", 54.5# csg to 514'. Cement w/450 sxs of Premium Cmt.

RECEIVED
APR 27 2007
DIV. OF OIL, GAS & MINING

3 - BLM, 2- Utah-OG&M, 1 – Denver, 1 – file Word file-server

14. I hereby certify that the foregoing is true and correct.
Signed **Dahn F. Caldwell** Title **Office Administrator II** Date **4/24/07**

(This space for Federal or State office use)

Approved by: Title Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONFIDENTIAL

CONFIDENTIAL

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

43-047-34902

Spud Date: 4/21/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/21/2007	06:00 - 05:30	23.50	DRL	1	RIG UP AND DRILL 540' OF 17.5" HOLE FOR SURFACE - RUN 513.95' OF 13 3/8 CASING - CEMENT CASING WITH 50% EXCESS - 19.5 BBLS CEMENT RETURNS - FLOAT HELD - RIG DOWN AND LEAVE LOCATION
5/6/2007	06:00 - 18:00	12.00	LOC	4	RIG DOWN F/ TRUCKS- RIGGED DOWN TOP DRIVE, GAS BUSTER, FLARE LINES, STARTED RIGGING DOWN FLOOR TO LAY OVER DERRICK, RIGGED DOWN & MOVED HOUSES TO NEW LOCATION, MOVED 9 LOADS & 3 LOADS OF MUD PRODUCT TO NEW LOCATION, HAD 3 HAUL TRUCKS, 1 BED TRUCK & A FORKLIFT, CRANE RIGGED UP & STARTED AT 2 PM.
	18:00 - 06:00	12.00	LOC	4	WAIT ON DAYLIGHT
5/7/2007	06:00 - 18:00	12.00	LOC	4	RIG DOWN FOR TRUCKS- RIGGED DOWN FLOOR, LAYED OVER DERRICK, RIGGED DOWN ALL SOLIDS CONTROL EQUIP. & POWER CORDS, RIG IS READY FOR TRUCKS, HAULED 4" DRILL STRING & MISCELLANEOUS EQUIPMENT TO NEW LOCATION, 13 LOADS TOTAL. CRANE BROKE DOWN AT 3PM (HYDRAULIC HOSE TO OUTRIGGER, REPAIRS HAVE BEEN MADE), HAD 3 HAUL TRUCKS, 1 BED TRUCK & A FORKLIFT, VERY MUUDY CONDITIONS. RIG IS READY TO MOVE.WILL HAVE 10 TRUCKS MOVING RIG.
	18:00 - 06:00	12.00	LOC	4	WAIT ON DAYLIGHT
5/8/2007	06:00 - 18:00	12.00	LOC	3	HELD SAFETY MEETING - 10 TRUCKS TODAY - HAD GOOD DAY -OLD LOCATION SHOULD BE CLEARED OFF BY AROUND NOON ON TUESDAY - WELDERS WILL FINISH HOPPER SYSTEM FOR PREMIX ON TUESDAY - WILL SET MATS AND SUBS WHEN THEY SHOW UP - HOPEFULLY FITTINGS AND VALVES SHOW UP TOMMORRO FROM TEXAS FOR FLOW LINE AND BUSTER LINES
	18:00 - 06:00	12.00	LOC	3	WAIT ON DAY LIGHTS
5/9/2007	06:00 - 18:00	12.00	LOC	3	MOVED RIG OFF OF OLD LOCATION AND SET NIGHT CAP ON WELL - USED CAT TO DO SOME DIRT WORK TO GET BOTTOM HALF OF DERRICK OUT - SET MATS AND SUBS - SET BOP IN PLACE -
	18:00 - 06:00	12.00	LOC	3	WAIT ON DAY LIGHTS
5/10/2007	06:00 - 18:00	12.00	LOC	4	FINISH SETTING UP SUBS - SET IN FLOOR AND DRAWWORKS - PUT DERRICK TOGETHER AND SET ON FLOOR - SET DOG HOUSES - SET CHOKE HOUSE AND MUD TANKS50% OF BACK END SET IN - 75% OF SOLIDS CONTROL SET IN - BIG CRANE AND TRUCKS GONE ON THURSDAY - WELDERS WORKING ON NEW BUSTER (VENT LINE-BUSTER DISCHARGE-VALVE ASSEMBLY-) WELDER PUTTING IN VALVES ON DISCHARGE OF HOPPER PUMPS - WELDER WORKING ON AGITATORS(REPAIRING BROKEN BLADES-LOWERINGBLADES-AND REPAIRING FAILED COUPLERS) - LAST WELL HAD 3250 PSI - BLEED OFF INSTANTLY - NO VOLUME - JUST GAS BREAKING FROM MUD
5/11/2007	06:00 - 18:00	12.00	LOC	4	FINISH SETTING BACK IN - SET BAR HOPPERS AND NEW STANDS - HOOK UP ALL SOLIDS CONTROL - TRUCKS AND CRANES GONE - WELDERS WORKING ON CHOKE LINES - BUSTER LINES - VENT LINE - WELDERS DOING GOOD - JUST ALOT TO DO - ANOTHER WELDER SHOWING UP TODAY - STRING DERRICK UP - STEAM DERRICK OFF - START HOOKING UP ELECTRICAL- UNIT DONE WITH WELDING REPAIRS EXCEPT FOR ADGITATORS
	18:00 - 06:00	12.00	LOC	4	WAIT ON DAY LIGHTS
5/12/2007	06:00 - 18:00	12.00	LOC	4	FINISH HOOKING UP DIESEL AND ELECTRICAL LINES - FINISH STRINING UP DERRICK - RAISE DERRICK AND START RIGGING UO FLOOR - WELDER IS ALMOST FINISHED WITH MUD ADGITATORS - WET HOPPER IS NOW HOOKED UP - STARTED SETTING UP PUMPS AND MUD TANKS - WELDERS CLOSE TO 70% DONE ON FAB. AND WELDS ON NEW 10" VENT LINE AND BUSTER DISCHARGE TO SHAKERS - FINISHED WALKWAY EXTENTION OVER BUSTER LINES FROM SHAKER TANK - STARTED ON LANDING AND RAILING

Printed: 6/8/2007 2:40:00 PM

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/12/2007	06:00 - 18:00	12.00	LOC	4	AROUND NEW BUSTER - NEW FLARE LINES 50% SET UP - FLARE BOX SHOWED UP - WILL TAKE A DAY TO GET IT READY FOR LINES AND FLARE IGNITOR - UNIT HAS HAD A FEW BABBLES IN SAFETYAS FAS AS HANDS BUT HAVE DONE VERY WELL RIGGING UP DERRICK - WELDERS ARE DOING GREAT - AFTER SENDING ONE WELDER HOME ON MONDAY THEY ARE PUTTING IN VERY GOOD PRODUCTIVE DAYS - RIG UP CREW FOR TOP DRIVE WILL BE HERE SATURDAY MORNING. IT HAS BEEN A LONG TIME SINCE I HAVE SEEN THIS MUCH WORK DONE ON THIS TIME FRAME - TOOL PUSHER DOING GOOD ON PLANNING REPAIRS AND ADDING SAFETY EQUIPMENT HOOK-UPS.
	18:00 - 06:00	12.00	LOC	4	COULD BREAK TOUR ON SATURDAY - WAIT ON DAY LIGHTS
5/13/2007	06:00 - 19:00	13.00	LOC	4	ALL ELECTRIC HOOKED UP - ELECTRICIAN FINISHED REPAIRS - FLARE BOX SET - BUSTER RETURN TO SHAKERS SET IN WITH CRANE AND FINISHED - MUD PITS ARE READY - MUD PRODUCTS AND BAR UNLOADED - TORQUE ALL BOP CONNECTIONS - HAD TO RE LIFT HYDRILL AS TWO STUDS WOULD NOT TORQUE UP - BRIDAL BACK - TOP DRIVE SET ON CAT WALK READY FOR LIFT - SWIVEL SET ON FLOOR - WORK ON FLOW LINE - ALL PARTS FOR KOOMEY HERE EXCEPT CROSS HEAD(SUPPOSELY ON THE WAY) - S PIPE SHOWED UP FROM UNIT 236
	19:00 - 06:00	11.00	LOC	4	WAIT ON DAYLIGHTS
5/14/2007	06:00 - 18:00	12.00	LOC	4	BROKE TOURS TODAY SO WE THIN ON EXTRA HELPERS - BOLTS FOR NEW VALVES ARE WRONG THREAD COUNT SO WE WELDED HEAVY STRAP TO EACH FLANGE SO WE COULD FINISH VENT LINE FROM RT. HEAD TO BUSTER - CORRECT BOLTS SHOULD BE HERE MONDAY MORNING. DAY TANK HOOKED UP - FILLED - AND GOT WATER CIRCULATING - FLOW LINE WILL BE FINISHED MONDAY NIGHT - UNIT STILL HAS WELDERS WORKING IN TANKS REPAIRING ADGITATORS ECT. - ONE WELDER BURNED MOTOR UP - WILL HAVE IT CHANGED OUT AND BACK TOMORROW
	18:00 - 19:30	1.50	LOC	4	FINISH BOLTING UP FLANGES ON VENT LINE TO BUSTER AND ON BUSTER DRAIN -
	19:30 - 06:00	10.50	LOC	4	START RIGGING UP TOP DRIVE - HAD A HARD TIME WITH TOP DRIVE TRACK - SCREWING SWIVEL INTO TOP DRIVE AT 0500
5/15/2007	06:00 - 18:00	12.00	LOC	4	FINISHED RIGGING UP TOP DRIVE - TEST - SET TORQUE VALUES - FLOW LINE DONE EXCEPT FOR INSTALLING CORRECT BOLTS IN DIVERTOR VALVES WHICH WE WILL HAVE IN TUESDAY MORNING - ALL CHOKE LINES DONE - FLARE LINES NEED ONE PIECE FOR PANIC LINE AND THEN WELD TWO UNIONS TO HOOK UP FLARE BOX SO WE CAN INSTALL FLARE IGNITOR.INSTALLED NEW HOPPER PUMP - HOOKED UP YELLOW DOG AND NOW CIRCULATING SYSTEM
	18:00 - 06:00	12.00	LOC	4	UNIT SAFETY HAND SHOWED UP SO WE HAD 4 TO 5 HOURS PLAYING CATCH UP ON POTENTAL HAZARDS(HOUSE KEEPING-GROUND RODS-SAFETY PAPER WORK-SAFETY PINS-WHIP CHECKS) - FINISHED INSTALLING NEW VALVE AND DRESSER SLEEVE ASSEMBLY IN FLOW LINE SHAKER MANIFOLD. WE HAVE BEEN TOLD CROSS HEAD FOR KOOMEY PUMP HAD BEEN SENT BUT HAS NOT SHOWED UP IN CASPER - TP SAID HE THOUGHT THEY MIGHT PUT IN NEW CAT PUMP FOR REPLACEMENT - TP. GOING TO HAVE KOOMEY HAND TO PUT OTHER PARTS ON KOOMEY SYSTEM AND TEST AND FILL BOTTLES PLUS CHARGE UP PUMP BLADDERS
5/16/2007	06:00 - 08:00	2.00	LOC	4	TWO WELDERS RELEASED THIS EVENING - WE WILL HAVE 2 FOR ONE MORE DAY AND UNIT WILL HAVE ONE FOR 3 MORE DAYS - HIGH PRESSURE RT. RIGGED UP.- CHOKELINES-FLARE LINES AND FLARE BOX DONE - FLARE SET UP -
	08:00 - 18:00	10.00	LOC	4	QUIT RIGGING UP TO TAKE CARE OF SAFETY ISSUES - UNIT SAFETY HAND

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/16/2007	08:00 - 18:00	10.00	LOC	4	ON LOCATION ALL DAY - WELDER IN DERRICK BOARD FOR 3 HOURS - REPAIR KOOMEY HOSE LEAKS - CHANGE OUT TUGGER LINE - RIG UP SAFETY PIN CLIPS FOR BUSTER STAND
	18:00 - 04:00	10.00	LOC	4	CHANGE OUT ALL SWABS AND REPAIR ALL BAD SEATS AND VALVES IN BOTH PUMPS (WELDER HAD 2 HOURS WORKING ON SEAT)-CHANGE OUT TOP PIPE RAMS - INSTALL MAN HOLE COVER ON BUSTER - INSTALL CIRCULATING BOX ON BOTTOM OF LOW SPEED CENT. - HOOK UP BRAKE COOLING LINES - ADGITATORD COUPLERS ALL DONE EXCEPT FOR A COUPLE OF BOTTOM SHAFT HOLDERS WHICH WILL BE DONE WED. MORNING
	04:00 - 06:00	2.00	LOC	4	FINISH SAFETY ITEMS - COLOR CODE AIR HOISTS ON FLOOR - INSTALL CELLAR COVERS - INSTALL TOGGLE SWITCH FOR CROWN O MATIC - RIG UP LIGHTS AROUND RIG - INSTALL NEW HOOKS ON TUGGER LINES
5/17/2007	06:00 - 14:30	8.50	LOC	4	GENRAL RIG UP - HOUSE CLEANING - HELP WELDER IN MUD PITS ON ADGITATORS - FILL CELLAR WITH CEMENT
	14:30 - 18:00	3.50	BOP	2	TEST BOP'S
	18:00 - 22:00	4.00	BOP	2	TEST BOP'S - 3 TRIES TO GET INSIDE MANUAL ON KILL SIDE TO TEST -OK - 3 TIMES FOR HYDRILL TO FINALLY TESTOK - BAG DID NOT OPEN ALL THE WAY AND PULLED 126K THREW RUBBER WITH TEST PLUG
	22:00 - 22:30	0.50	EQT	1	TEST CASING TO 1500 PSI FOR 30 MIN. - OK
	22:30 - 01:00	2.50	RIG	2	TEST MUD LINES AND PUMPS TO 2000 PSI - REPAIR LEAKS
	01:00 - 06:00	5.00	LOC	4	CONTINUE HOUSE CLEANING - PUT BHA ON RACK - PUT WHIP CHECKS ON LINES - INSTALL SAFETY LINE ON DRILL LINE ROLLERS - PUT UP SUPPORT STANDS ON BUSTER LINES
5/18/2007	06:00 - 18:00	12.00	RIG	2	12 HOURS ON UNIT TIME WAITING ON KOOMEY PUMP AND TONG ARM - 28.5 TOTAL TIME ON UNIT - FROM 0100 NIGHT BEFORE TO 0530 THIS MORNING - WHILE WAITING ON PUMP UNIT DID PAINTING - CHANGE OUT KOOMEY BOTTLES - WORK ON KOOMEY HOUSE AND HOSES FOR SHORTNING UP SYSTEM - ORGANIZE PIPE ON LOCATION - HELP WELDERS WHEN NEEDED - KOOMEY PUMP SHOWED UP AT 1800 - T.P. MEET TRUCK IN TOWN AT SUPPLY STORE AND PICKED UP ALL FITTINGS NEEDED
	18:00 - 05:30	11.50	RIG	2	ON UNIT TIME - MAKING REPAIRS ON KOOMEY - REWIRE UNIT - FUNCTION ALL RAMS AND HYDRILL - DO FUNCTION TEST ON KOOMEY FOR BLM - WITNESSED BY BLM(CLIFF JOHNSON)-WILL CLEAN UP MESS AROUND UNIT WHILE DRILLING-HAD ALL KINDS OF PROBLENS ON REPAIRS WHITH CHINNESE FITTINGS AND BLEW HOLE IN ONE HYDRAULIC HOSE - HAD UNIT PAY TESTER TRUCK
	05:30 - 06:00	0.50	BOP	1	PICK UP DRILL PIPE FOR SETTING WEAR BUSHING - DRAIN STACK FOR VISUAL
5/19/2007	06:00 - 07:00	1.00	BOP	1	INSTALL WEAR BUSHING
	07:00 - 14:30	7.50	TRP	1	PICK UP 9 5/8 SQUARE MUD MOTOR - SHOTEN SLIP SECTION AND ADD SECTIONS ON COLLAR CLAMP TO INSTALL - DO OPPISITE AFTER GETTING MOTOR INTO HOLE - PICK UP 8" AND CONTINUE THREW 6.5 AND TO HWDP - ALL FLOOR HANDS HAVE GREEN HARDHATS
	14:30 - 15:00	0.50	BOP	1	INSTALL RT HEAD - CHECK OILER OK
	15:00 - 16:00	1.00	RIG	2	HOOK UP AUTO DRILLER CORRECTLY - TEST - OK
	16:00 - 18:00	2.00	RIG	2	REPAIR PASON UNIT IN DOG HOUSE - START CIRCULATING NEW EQUIPMENT WILL REPAIRS ARE BEING DONE
	18:00 - 19:30	1.50	CIRC	1	FINISH CIRCULATING ALL EQUIPMENT AND REPAIR SMALL LEAK ON PANIC LINE AND A SMALL ONE ON VENT LINE
	19:30 - 20:30	1.00	DRL	4	DRILL CEMENT AND FLOAT EQUIPMENT - DID FIND SHOE AT 514.5 - DRILLED TO 522'
	20:30 - 21:00	0.50	CIRC	1	CIRCULATE BOTTOMS UP FOR FIT

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/19/2007	21:00 - 21:30	0.50	EQT	2	FIT - MUD EQUIVLENT = 10.5 - HELD - OK
	21:30 - 22:00	0.50	DRL	1	DRILL FROM 522 TO 577
	22:00 - 23:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	23:00 - 06:00	7.00	DRL	1	DRILL FROM 577 TO 1039 OF 12.250 HOLE - PASON COMING BACK OUT TO DO REPAIRS ON ROP AUTO - WT. ON BIT
5/20/2007	06:00 - 11:30	5.50	DRL	1	DRILL FROM 1039 TO 1161 - REAM EACH CONNECTION - HOLE SMOOTH
	11:30 - 12:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	12:30 - 18:00	5.50	DRL	1	DRILL FROM 1161 TO 1284 - DAYLIGHTS DRILLER VERY GREEN - !!!!!!!!!!????
	18:00 - 23:30	5.50	DRL	1	DRILL FROM 1284 TO 1561
	23:30 - 00:00	0.50	CIRC	1	CIRCULATE BOTTOMS UP FOR SURVEY - 20 BBL SWEEP
	00:00 - 00:30	0.50	SUR	1	SURVEY - DEPTH = 1464 - .9 - 339.0
	00:30 - 06:00	5.50	DRL	1	DRILL FROM 1561 TO 1836 - TORQUE AND RT. GETTING SMOOTHER - HOLE IN GOOD SHAPE - STILL SWEEPING HOLE AND REAMING EACH CONNECTION
5/21/2007	06:00 - 07:30	1.50	DRL	1	DRILL FROM 1836 TO 1900
	07:30 - 08:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	08:30 - 10:30	2.00	RIG	2	REPAIR PUMPS - SOMETHING IN SUCTION LINES
	10:30 - 18:00	7.50	DRL	1	DRILL FROM 1900 TO 2150
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 2150 TO 2453 - HOLE IN GOOD SHAPE - MW. 8.5 TO 8.7 - SWEEPS WORKING WELL - EXTRA GALLONS WORKING WELL TO. BIT SLOWING IN GREEN RIVER TRANSISION
5/22/2007	06:00 - 10:00	4.00	DRL	1	DRILL FROM 2453 TO 2465 - CAN GET TO PICK UP - NO TORQUE ECT. WITH DIFFERANT PERAMATERS
	10:00 - 10:30	0.50	CIRC	1	CIRCULATE BOTTOMS UP FOR TRIP OUT - 20 BBL SWEEP
	10:30 - 11:00	0.50	SUR	1	SURVEY - DEPTH= 2400 - 1.4 - 290.1
	11:00 - 14:00	3.00	TRP	10	TRIP OUT - NO DERRICK HAND - 2 HANDS SHORT - TP HELPING IN DERRICKS
	14:00 - 15:30	1.50	TRP	1	HANDLE BHA - LD IBS-JARS-BIT AND PICK UP SAME
	15:30 - 18:00	2.50	TRP	2	TRIP INTO HOLE SHORT HANDED -
	18:00 - 19:00	1.00	TRP	2	TRIP INTO HOLE SLOWLY - HOLE OK
	19:00 - 19:30	0.50	REAM	1	SAFETY REAM 30' TO BOTTOM
	19:30 - 03:00	7.50	DRL	1	DRILL FROM 2465 TO 2516 - BIT WILL NOT PICK UP AND DRILL
	03:00 - 04:00	1.00	DRL	1	WORK BIT WITH COMPLETE DIFFERANT PERAMATERS - PUMP SWEEPS - NO HELP
	04:00 - 05:30	1.50	CIRC	1	CIRCULATE BOTTOMS UP WHILE MIXING PILL - HAVING PROBLEMS MIXING PILL
	05:30 - 06:00	0.50	TRP	10	TRIP OUT BIT #2
5/23/2007	06:00 - 08:00	2.00	TRP	10	FINISH TRIP OUT FOR BIT
	08:00 - 08:30	0.50	BOP	1	PULL RT. HEAD
	08:30 - 09:00	0.50	TRP	1	SWAP OUT BIT - CLEAN FLOOR FOR GOING TO BOTTOM
	09:00 - 11:30	2.50	TRP	2	TRIP TO BOTTOM - HOLE CLEAN
	11:30 - 18:00	6.50	DRL	1	DRILL FROM 2516 TO 2586 - HIGH TORQUE - KEEP CHANGING PERAMATERS TRYING TO GET BIT TO DRILL
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 2586 TO 2670 - ROUGH DRILLING - PREPARING FOR POSSIBLE TRIP
5/24/2007	06:00 - 13:00	7.00	DRL	1	DRILL F/ 2,670'-2,731', WOB- 15-20K, RPM- 195-230 COMBINED, TORQ- 1500-2500 PSI, GPM- 770-857 (INCREASED SURFACE RPM FROM 45 TO 100 TO SMOOTH OUT TORQUE & STICK SLIPPING. MW- 8.6, VIS- 34, INCREASED PIT WATER TO LOWER VIS.
	13:00 - 14:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & COM
	14:00 - 18:00	4.00	DRL	1	DRILL F/ 2,731'-2,780', WOB- 18-20K, RPM- 230 COMBINED, TORQ.- 1800-2100 PSI, GPM- 814, MW- 8.6, VIS- 32, BG GAS- 100u, CONN GAS- 165u, PICKED UP TRACE OF TRONA WATER @ 2750'

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/24/2007	18:00 - 06:00	12.00	DRL	1	DRILL F/ 2,780'-2,920', WOB- 18-22K, RPM- 235 COMBINED, TORQ.- 1600-1800 PSI, GPM- 857, MW- 8.7, VIS- 30, BG GAS- 100u, CONN GAS- 140, NO FLOW ON CONNECTIONS.
5/25/2007	06:00 - 10:00	4.00	DRL	1	DRILL F/ 2,920'-2,979', WOB- 20-28K, DIFF. PRESS.- 100-250 PSI, RPM- 235 COMBINED, TORQ.- 1800-2400 PSI, GPM- 857, MW- 8.7, VIS- 29, BG GAS- 150u, CONN GAS- 375u, 1/4" TRONA WATER FLOW ON CONNECTION. PUMPING 10 BBL HI VIS SWEEPS EVERY 100' TO CLEAN HOLE.
	10:00 - 11:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS & COM
	11:00 - 18:00	7.00	DRL	1	DRILL F/ 2,979'-3,116', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS-250u, CONN GAS- 800u, 1/4" FLOW ON CONNECTIONS.
	18:00 - 19:00	1.00	RIG	2	CHANGE OFF DRILLER SWAB & LINER IN #1 PUMP
	19:00 - 23:00	4.00	DRL	1	DRILL F/ 3,116'-3,183', DRILLING WITH SAME PARAMETERS, MW & VIS, NO FLOW ON CONNECTION, PUMPING 10 BBL HI VIS SWEEPS EVERY 100'
	23:00 - 00:00	1.00	RIG	2	CHANGE MIDDLE SWAB & LINER IN #1 PUMP
	00:00 - 06:00	6.00	DRL	1	DRILL F/ 3,183'-3,244', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS-120u, CONN GAS- 450u, NO FLOW ON CONNECTION. PUMPING 10 BBL HI VIS SWEEPS EVERY 100'.
5/26/2007	06:00 - 07:00	1.00	DRL	1	DRILL F/ 3,244'-3,287', WOB- 20-28K, RPM- 235 COMBINED, TORQ.- 2000-2300 PSI, MW- 8.6, VIS- 29, BG GAS- 250u
	07:00 - 08:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNTION ANNULAR & COM
	08:00 - 13:00	5.00	DRL	1	DRILL F/ 3,287'-3,393', DRLG WITH SAME PARAMETERS, MW & VIS, 1/4" TRONA WATER FLOW ON CONNECTION, PUMPING 10 BBL HI VIS SWEEPS EVERY 100'
	13:00 - 15:00	2.00	RIG	2	CHANGED 2 SWABS & 1 VALVE IN #1 PUMP & WORKED ON LINER WASHER LINES ON BOTH PUMPS.
	15:00 - 16:00	1.00	SUR	1	CIRC. & SURVEY @ 3,393', SURVEY DEPTH- 3,343', 1 DEG, 293.6 AZ
	16:00 - 18:30	2.50	DRL	1	DRILL F/ 3,393'-3,421', DRLG WITH SAME PARAMETERS, MW & VIS, 1/4" TRONA WATER FLOW ON CONNECTION, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS AS NEEDED
	18:30 - 19:30	1.00	RIG	2	REPLACE BAD VALVE & SEAT IN #2 PUMP
	19:30 - 22:00	2.50	DRL	1	DRILL F/ 3,421'-3,442', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS-550u, PUMPED 10 BBL HI VIS BIT BALLING SWEEPS TO TRY HELP ROP
	22:00 - 23:00	1.00	CIRC	1	MIX & PUMP TRIP SLUG
	23:00 - 02:00	3.00	TRP	10	TRIP OUT F/ BIT #3
	02:00 - 04:00	2.00	TRP	1	FUNCTION BLIND RAMS, LAY DOWN SQUARE MOTOR & IBS, PICK UP HUNTING .10 STAB. MOTOR & 1/8 UNDER IBS
	04:00 - 06:00	2.00	TRP	10	MAKE UP NEW BIT & TRIP IN BHA
5/27/2007	06:00 - 08:30	2.50	TRP	10	TRIP IN, INSTALL ROT. HEAD & BREAK CIRC. @ 2,400'
	08:30 - 09:00	0.50	REAM	1	WASH 60' TO BOTTOM, 5' OF FILL
	09:00 - 10:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION BOTTOM PIPE RAMS
	10:00 - 10:30	0.50	RIG	2	#1 PUMP AIRED UP, BACK FLUSH SUCTION LINE
	10:30 - 18:00	7.50	DRL	1	DRILL F/ 3,442'-3,636', WOB- 15-20K, RPM- 160 COMBINED,TORQ.- 1200-1300 PSI, GPM- 875, MW- 8.7, VIS- 29, BG GAS- 700u, CONN GAS- 2,500u, TRIP GAS-2,861u, PUMPING 10 BBL HI VIS SWEEPS EVERY 100', 1/4" STREAM TRONA WATER FLOW ON CONNECTIONS.
	18:00 - 20:00	2.00	DRL	1	DRILL F/ 3,636'-3,703', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS-2,800u VENTING THRU BUSTER WITH 8-15' FLARE
	20:00 - 22:00	2.00	RIG	2	TOP DRIVE REPAIR- INJECTOR LINE BROKE ON MOTOR (GOT A LINE THAT WILL WORK FROM ENSIGN 24 UNTIL RIGHT LINE SHOWS UP)
	22:00 - 06:00	8.00	DRL	1	DRILL F/ 3,703'-3,864', WOB- 18-20K, RPM- 160 COMBINED, TORQ.- 1100-1300 PSI, GPM- 875, MW- 8.7, VIS- 29, BG GAS- 2400u WITH 8-10 FLARE, CONN GAS- 4180u WITH 15' FLARE, PUMPING 10 BBL HI VIS SWEEPS EVERY 100', 1/4" TRONA WATER FLOW ON CONNECTIONS.

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/28/2007	06:00 - 07:00	1.00	DRL	1	DRILL F/ 3,864'-3,913', WOB- 18-20K, RPM- 160, TORQ.- 1200-1400 PSI, GPM- 875, MW- 8.7, VIS- 29, BG GAS- 2400 VENTING THRU BUSTER WITH 5-10' FLARE
	07:00 - 08:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS & COM
	08:00 - 19:00	11.00	DRL	1	DRILL F/ 3,913'-4,102', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS- 2,000u WITH 3-5' FLARE, CONN GAS- 2,500u WITH 6-10' FLARE, 1/4-1/2" TRONA WATER FLOW ON CONNECTIONS.
	19:00 - 20:30	1.50	RIG	2	TOP DRIVE REPAIR- TIGHTEN HYDRAULIC HOSES
	20:30 -		DRL	1	DRILL F/ 4,102'-4,260', WOB- 18-22K, RPM- 175 COMBINED, TORQ.- 1400-1700 PSI, GPM- 875, MW- 8.7, VIS- 29, BG GAS- 1800 VENTING THRU BUSTER WITH 5-8' FLARE, CONN GAS- 3500u WITH 15' FLARE, PUMPING 10 BBL HI VIS SWEEPS EVERY 100', 1/4-1/2" TRONA WATER FLOW ON CONNECTIONS
5/29/2007	06:00 - 07:00	1.00	RIG	2	TOP DRIVE MOTOR QUIT, CHANGED FUEL FILTERS & BLED INJECTOR LINES
	07:00 - 08:30	1.50	DRL	1	DRILL F/ 4,260'-4,287', WOB- 18-22K, RPM- 175 COMBINED, TORQ.- 1400-1800 PSI, MW- 8.7, VIS- 29, BG GAS- 1750 VENTING THRU BUSTER WITH 5-8' FLARE.
	08:30 - 09:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS & COM
	09:30 - 10:00	0.50	RIG	2	TIGHTEN & RESPOOL HYDRAULIC LINES ON TOP DRIVE UNIT.
	10:00 - 21:00	11.00	DRL	1	DRILL F/ 4,287'-4,474', DRLG WITH SAME PARAMEYERS, MW & VIS, BG GAS- 1,100 WITH 3-5' FLARE, CONN GAS- 2650u WITH 10-15' FLARE, 1/2" TRONA WATER FLOW ON CONNECTIONS, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS TO CLEAN HOLE & IMPROVE ROP.
	21:00 - 21:30	0.50	SUR	1	CIRCULATE & SURVEY @ 4,474', SURVEY DEPTH- 4,389- .8 DEG, 117 AZ (COULD POSSIBLY BE A MISS RUN, BOTTOM OF DP SCREEN CAME LOOSE, EXPECT TO FIND IT ON TOP OF 6 1/2" DC'S.)
	21:30 - 05:00	7.50	DRL	1	DRLG F/ 4,474'-4,643', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS- 1800u WITH 3-5' FLARE, CONN GAS- 3600u WITH 10-15' FLARE, PUMPING 10 BBL HI VIS SWEEPS EVERY 100', 1/2 TRONA WATER FLOW ON CONNECTIONS
	05:00 - 05:30	0.50	RIG	2	REPLACE SWAB IN #1 PUMP
	05:30 - 06:00	0.50	DRL	1	DRILL F/ 4,643'-4,653, DRLG WITH SAME PARAMETERS, MW & VIS
5/30/2007	06:00 - 14:00	8.00	DRL	1	DRILL F/ 4,653'-4,782', WOB- 18-22K, RPM- 175 COMBINED, TORQ.- 1400-1850 PSI, GPM- 875, MW- 8.7, VIS- 28, BG GAS- 2150 VENTING THRU BUSTER WITH 3-5' FLARE, CONN GAS- 3550 WITH 8-10' FLARE, 1/2" STREAM TRONA WATER FLOW ON CONNECTIONS. PUMPING 10 BBL HI VIS SWEEPS EVERY 100'.
	14:00 - 15:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & COM
	15:00 - 20:00	5.00	DRL	1	DRILL F/ 4,782'-4,845', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS- 2000u WITH 2-3' FLARE, CONN GAS- 3980 WITH 5-8' FLARE, 1/4-1/2" TRONA WATER FLOW ON CONNECTION. PUMPING 10 BBL VIS BIT BALLING SWEEPS AS NEEDED.
	20:00 - 21:00	1.00	RIG	2	REPLACE SWAB IN #2 PUMP
	21:00 - 06:00	9.00	DRL	1	DRILL F/ 4,845'-4,934', WOB- 18-28K, RPM- 175 COMBINED, TORQ.- 1400-1800 PSI, GPM- 875, MW- 8.8, VIS- 28, BG GAS- 2400u VENTING THRU BUSTER, NO FLARE, CONN GAS- 3400u WITH 5-8' FLARE, 1/4-1/2" TRONA WATER FLOW ON CONNECTIONS, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS AS NEEDED
5/31/2007	06:00 - 11:30	5.50	DRL	1	DRILL F/ 4,934'-4,998', WOB- 20-28K, RPM- 175 COMBINED, TORQ.- 1400-1800 PSI, GPM- 875, MW- 8.7, VIS- 28, BG GAS- 2450 VENTING THRU BUSTER, NO FLARE, CONN GAS- 3900u WITH 5-8' FLARE, 1/2" TRONA WATER FLOW ON CONNECTIONS, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS AS NEEDED.
	11:30 - 12:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION BOTTOM PIPE RAMS & COM
	12:30 - 13:00	0.50	RIG	2	REPLACE PUMP PRESSURE SENSOR F/ MATHENA CHOKE PANEL.
	13:00 - 01:30	12.50	DRL	1	DRILL F/ 4,998'-5,153', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS-

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/31/2007	13:00 - 01:30	12.50	DRL	1	1900, NO FLARE, CONN GAS- 3200u, NO FLARE, 1/2" TRONA WATER FLOW ON CONNECTION, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS AS NEEDED.
	01:30 - 02:30	1.00	RIG	2	REPLACE LINER GASKET IN #1 PUMP
	02:30 - 06:00	3.50	DRL	1	DRILL F/ 5,153'-5,200', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS- 2400u WITH NO FLARE, CONN GAS-3600u WITH NO FLARE, 1,2" TRONA WATER FLOW ON CONNECTION, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS AS NEEDED.
6/1/2007	06:00 - 14:00	8.00	DRL	1	DRILL F/ 5,200'-5,371', WOB- 22-28K, RPM- 175 COMBINED, TORQ.- 1500-1800 PSI, GPM- 875 , MW- 8.8, CIS-30, BG GAS- 1900u, CONN GAS- 300u, NO FLARE, 1/2" TRONA WATER FLOW ON CONNECTIONS, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS AS NEEDED.
	14:00 - 15:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS
	15:00 - 22:30	7.50	DRL	1	DRILL F/ 5,371'-5,463', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS- 2000u, CONN GAS- 2800u, NO FLARES, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS AS NEEDED
	22:30 - 00:00	1.50	RIG	2	REPLACE SWAB IN #1 PUMP
	00:00 - 02:30	2.50	DRL	1	DRILL F/ 5,463'-5,497', WOB- 25-30K, RPM- 175 COMBINED, TORQ. 1500-1800 PSI, GPM- 875, STARTED TO MUD UP @ 5,475', MW- 8.8, VIS- 31, BG GAS- 2400u, CONN GAS- 2900u, NO FLARES, 1/2" TRONA WATER FLOW ON CONNECTION, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS AS NEEDED.
	02:30 - 03:30	1.00	FISH	6	JAR LOOSE STUCK PIPE @ 5,466' & PUMP TWO 20 BBL HI VIS SWEEPS AROUND TO CLEAN HOLE.
	03:30 - 04:30	1.00	DRL	1	DRILL F/ 5,497'-5,502', DRLG WITH SAME PARAMETERS, MW- 8.8, VIS- 34, BG GAS- 450U
	04:30 - 05:30	1.00	CIRC	1	CIRCULATE, MIX TRIP SLUG & FILL TRIP TANK
	05:30 - 06:00	0.50	TRP	10	PUMP PILL & TRIP OUT
6/2/2007	06:00 - 10:00	4.00	TRP	10	TRIP OUT, FUNCTION COM
	10:00 - 10:30	0.50	TRP	1	MUD MOTOR PARTED- LAY DOWN SHOCK SUB & TOP HALF OF MUD MOTOR
	10:30 - 11:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION BLIND RAMS
	11:30 - 15:30	4.00	FISH	5	WAIT ON FISHING TOOLS, CIRCULATE OVER TOP OF HOLE USING TRIP TANK
	15:30 - 22:00	6.50	FISH	5	MAKE UP FISHING TOOLS & TRIP IN
	22:00 - 00:00	2.00	FISH	5	CIRCULATE & WASH OVER FISH
	00:00 - 05:00	5.00	FISH	5	TRIP OUT WITH FISH USING SPINNERS
	05:00 - 06:00	1.00	FISH	5	LAY DOWN FISH & FISHING TOOLS
6/3/2007	06:00 - 09:00	3.00	FISH	5	LAY DOWN FISHING TOOLS
	09:00 - 10:00	1.00	TRP	1	PICK UP NEW MUD MOTOR, IBS & SHOCK SUB
	10:00 - 14:00	4.00	TRP	2	MAKE UP NEW BIT & TRIP IN, BREAK CIRC @ 1,900' & 4,200'
	14:00 - 14:30	0.50	REAM	1	WASH 30' TO BOTTOM, 5' OF FILL
	14:30 - 18:00	3.50	DRL	1	DRILL F/ 5,502'-5,578', WOB- 12-15K, RPM- 180 COMBINED, GPM- 818, MW- 8.9, VIS- 34, BG GAS- 150u, TRIP GAS- 5500u WITH 8-10' FLARE
	18:00 - 19:00	1.00	SUR	1	CIRCULATE & SURVEY, SURVEY DEPTH- 5,500'- 1.4 DEG, 117.8 AZ
	19:00 - 06:00	11.00	DRL	1	DRILL F/ 5,578'-5,730', WOB- 12-18K, RPM- 190 COMBINED, GPM- 815-855, MW- 8.8, VIS- 37, BG GAS- 150, CONN GAS-250, PUMPING 10 BBL BIT BALLING SWEEPS AS NEEDED FOR SEVERE BIT BALLING, NO LOSSES
6/4/2007	06:00 - 17:00	11.00	DRL	1	DRILL F/ 5,730'-5,795', WOB- 15-30K, RPM- 180-230, GPM- 815-875, PUMPING 10-20 BBL BIT BALLING SWEEPS, MW- 8.7, VIS- 40, BG GAS- 50u, NO LOSSES
	17:00 - 18:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION BOTTOM PIPE RAMS & COM
	18:00 - 06:00	12.00	DRL	1	DRILL F/ 5,795'-5,905', DRLG WITH SAME PARAMETERS, MW- 8.9, VIS- 37, BG GAS- 125u, CONN GAS- 400u, PUMPING 10 BBL BIT BALLING SWEEPS (HAVE NOT BEEN VARY EFFECTIVE LAST 12 HRS) NO LOSSES
6/5/2007	06:00 - 14:00	8.00	DRL	1	DRILL F/ 5,905'-5,971', WOB- 18-28K, RPM- 190-225 COMBINED, GPM- 855-900,

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/5/2007	06:00 - 14:00	8.00	DRL	1	MW- 8.9, VIS- 38, BG GAS- 125u, PUMPED 10-15 BBL BIT BALLING SWEEPS TO TRY IMPROVE ROP.
	14:00 - 15:00	1.00	SUR	1	DROP SURVEY & LUBRICATE RIG & TOP DRIVE, FUNCTION HCR
	15:00 - 20:30	5.50	TRP	10	PUMP PILL & TRIP OUT, FUNCTION COM (HOLE FILL 18 BBLS OVER CALCULATED)
	20:30 - 23:00	2.50	TRP	1	FUNCTION BLIND RAMS, BREAK BIT, LAY DOWN MUD MOTOR & PICK UP NEW MUD MOTOR
	23:00 - 03:00	4.00	TRP	10	MAKE UP NEW BIT & TRIP IN, BREAK CIRCULATION @ 2,100' & 5,100'
	03:00 - 04:00	1.00	REAM	1	WASH & REAM 355' TO BOTTOM
	04:00 - 06:00	2.00	DRL	1	DRILL F/ 5,971'-6,000', WOB- 8-10K, RPM- 130 COMBINED, GPM- 814, MW- 8.9, VIS- 44, BG GAS- 85u, TRIP GAS- 2,500u, NO FLARE, NO LOSSES.
6/6/2007	06:00 - 07:30	1.50	DRL	1	DRILL F/ 6,000'-6,049, WOB- 8-12K, RPM- 130 COMBINED, GPM- 814, MW- 8.9, VIS- 40, BG GAS- 20u, CONN GAS- 40u, HAVEN'T HAD ANY BIT BALLING WITH VARY LITTLE SEEPAGE.
	07:30 - 08:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS & COM
	08:30 - 18:30	10.00	DRL	1	DRILL F/ 6,049'-6,234', DRLG WITH SAME PARAMETERS, MW & VIS, NO BIT BALLING & NO LOSSES. BG GAS- 30u, CONN GAS- 50U
	18:30 - 19:30	1.00	RIG	2	TROUBLESHOOT & REPLACE BLOWN FUSES IN SCR
	19:30 - 20:00	0.50	DRL	1	DRILL F/ 6,234'-6,243'
	20:00 - 20:30	0.50	RIG	2	TIGHTEN & GREASE SWIVEL PACKING
	20:30 -		DRL	1	DRILL F/ 6,243'-6,350', WOB- 10-15K, RPM- 130 COMBINED, GPM- 814, MW- 8.8, VIS- 37, BG GAS- 50, CONN GAS- 100, PUMPING 10 BBL BIT BALLING SWEEPS AS NEEDED, NO LOSSES
6/7/2007	06:00 - 15:00	9.00	DRL	1	DRILL FROM 6350 TO 6485
	15:00 - 16:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE - PUTTING EXTRA GREASE IN SWIVEL PACKING AS IT IS LEAKING A LITTLE - WILL CHANGE OUT ON NEXT TRIP ALONG WITH BLADDER ON #1 PUMP
	16:00 - 18:00	2.00	DRL	1	DRILL FROM 6485 TO 6510 - HIT HEAVY BIT BALLING AT 6448
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 6510 TO 6627
6/8/2007	06:00 - 15:00	9.00	DRL	1	DRILL FROM 6627 TO 6730 - BIT BALLING - PUMPING SWEEPS AND ADDING BIT WT ALONG WITH SLOWER ROTARY
	15:00 - 16:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	16:00 - 18:00	2.00	DRL	1	DRILL FROM 6730 TO 6782 - STILL DRILLING GOOD WITH 25K ON BIT
	18:00 - 18:30	0.50	DRL	1	DRILL FROM 6782 TO 6793
	18:30 - 20:00	1.50	RIG	2	REPAIR #1 PUMP - 1 VALVE - 1 SEAT - 3 SPRINGS
	20:00 - 23:30	3.50	DRL	1	DRILL FROM 6793 TO 6873
	23:30 - 01:00	1.50	RIG	2	REPLACE SWAB AND LINER GASKET
	01:00 - 02:00	1.00	DRL	1	DRILL FROM 6873 TO 6894
	02:00 - 02:30	0.50	RIG	2	REPLACE WASHED FITTING ON SUCTION SIDE OF CENT PUMP - LOST 145 BBLS
	02:30 - 06:00	3.50	DRL	1	DRILL FROM 6894 TO 6985 - FINALLY STARTING TO SEE SOME SMALL SAND STRINGERS IN DRILLING AND SAMPLES

CONFIDENTIAL

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

43-047-34902

Spud Date: 4/21/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/21/2007	06:00 - 05:30	23.50	DRL	1	RIG UP AND DRILL 540' OF 17.5" HOLE FOR SURFACE - RUN 513.95' OF 13 3/8 CASING - CEMENT CASING WITH 50% EXCESS - 19.5 BBLS CEMENT RETURNS - FLOAT HELD - RIG DOWN AND LEAVE LOCATION
5/6/2007	06:00 - 18:00	12.00	LOC	4	RIG DOWN F/ TRUCKS- RIGGED DOWN TOP DRIVE, GAS BUSTER, FLARE LINES, STARTED RIGGING DOWN FLOOR TO LAY OVER DERRICK, RIGGED DOWN & MOVED HOUSES TO NEW LOCATION, MOVED 9 LOADS & 3 LOADS OF MUD PRODUCT TO NEW LOCATION, HAD 3 HAUL TRUCKS, 1 BED TRUCK & A FORKLIFT, CRANE RIGGED UP & STARTED AT 2 PM.
	18:00 - 06:00	12.00	LOC	4	WAIT ON DAYLIGHT
5/7/2007	06:00 - 18:00	12.00	LOC	4	RIG DOWN FOR TRUCKS- RIGGED DOWN FLOOR, LAYED OVER DERRICK, RIGGED DOWN ALL SOLIDS CONTROL EQUIP. & POWER CORDS, RIG IS READY FOR TRUCKS, HAULED 4" DRILL STRING & MISCELLANEOUS EQUIPMENT TO NEW LOCATION, 13 LOADS TOTAL. CRANE BROKE DOWN AT 3PM (HYDRAULIC HOSE TO OUTRIGGER, REPAIRS HAVE BEEN MADE), HAD 3 HAUL TRUCKS, 1 BED TRUCK & A FORKLIFT, VERY MUUDY CONDITIONS. RIG IS READY TO MOVE.WILL HAVE 10 TRUCKS MOVING RIG.
	18:00 - 06:00	12.00	LOC	4	WAIT ON DAYLIGHT
5/8/2007	06:00 - 18:00	12.00	LOC	3	HELD SAFETY MEETING - 10 TRUCKS TODAY - HAD GOOD DAY -OLD LOCATION SHOULD BE CLEARED OFF BY AROUND NOON ON TUESDAY - WELDERS WILL FINISH HOPPER SYSTEM FOR PREMIX ON TUESDAY - WILL SET MATS AND SUBS WHEN THEY SHOW UP - HOPEFULLY FITTINGS AND VALVES SHOW UP TOMMORRO FROM TEXAS FOR FLOW LINE AND BUSTER LINES
	18:00 - 06:00	12.00	LOC	3	WAIT ON DAY LIGHTS
5/9/2007	06:00 - 18:00	12.00	LOC	3	MOVED RIG OFF OF OLD LOCATION AND SET NIGHT CAP ON WELL - USED CAT TO DO SOME DIRT WORK TO GET BOTTOM HALF OF DERRICK OUT - SET MATS AND SUBS - SET BOP IN PLACE -
	18:00 - 06:00	12.00	LOC	3	WAIT ON DAY LIGHTS
5/10/2007	06:00 - 18:00	12.00	LOC	4	FINISH SETTING UP SUBS - SET IN FLOOR AND DRAWWORKS - PUT DERRICK TOGETHER AND SET ON FLOOR - SET DOG HOUSES - SET CHOKE HOUSE AND MUD TANKS50% OF BACK END SET IN - 75% OF SOLIDS CONTROL SET IN - BIG CRANE AND TRUCKS GONE ON THURSDAY - WELDERS WORKING ON NEW BUSTER (VENT LINE-BUSTER DISCHARGE-VALVE ASSEMBLY-) WELDER PUTTING IN VALVES ON DISCHARGE OF HOPPER PUMPS - WELDER WORKING ON AGITATORS(REPAIRING BROKEN BLADES-LOWERINGBLADES-AND REPAIRING FAILED COUPLERS) - LAST WELL HAD 3250 PSI - BLEED OFF INSTANTLY - NO VOLUME - JUST GAS BREAKING FROM MUD
5/11/2007	06:00 - 18:00	12.00	LOC	4	FINISH SETTING BACK IN - SET BAR HOPPERS AND NEW STANDS - HOOK UP ALL SOLIDS CONTROL - TRUCKS AND CRANES GONE - WELDERS WORKING ON CHOKE LINES - BUSTER LINES - VENT LINE - WELDERS DOING GOOD - JUST ALOT TO DO - ANOTHER WELDER SHOWING UP TODAY - STRING DERRICK UP - STEAM DERRICK OFF - START HOOKING UP ELECTRICAL- UNIT DONE WITH WELDING REPAIRS EXCEPT FOR ADGITATORS
	18:00 - 06:00	12.00	LOC	4	WAIT ON DAY LIGHTS
5/12/2007	06:00 - 18:00	12.00	LOC	4	FINISH HOOKING UP DIESEL AND ELECTRICAL LINES - FINISH STRINING UP DERRICK - RAISE DERRICK AND START RIGGING UO FLOOR - WELDER IS ALMOST FINISHED WITH MUD ADGITATORS - WET HOPPER IS NOW HOOKED UP - STARTED SETTING UP PUMPS AND MUD TANKS - WELDERS CLOSE TO 70% DONE ON FAB. AND WELDS ON NEW 10" VENT LINE AND BUSTER DISCHARGE TO SHAKERS - FINISHED WALKWAY EXTENTION OVER BUSTER LINES FROM SHAKER TANK - STARTED ON LANDING AND RAILING

Printed: 7/2/2007 1:24:34 PM

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/12/2007	06:00 - 18:00	12.00	LOC	4	AROUND NEW BUSTER - NEW FLARE LINES 50% SET UP - FLARE BOX SHOWED UP - WILL TAKE A DAY TO GET IT READY FOR LINES AND FLARE IGNITOR - UNIT HAS HAD A FEW BABBLES IN SAFETYAS FAS AS HANDS BUT HAVE DONE VERY WELL RIGGING UP DERRICK - WELDERS ARE DOING GREAT - AFTER SENDING ONE WELDER HOME ON MONDAY THEY ARE PUTTING IN VERY GOOD PRODUCTIVE DAYS - RIG UP CREW FOR TOP DRIVE WILL BE HERE SATURDAY MORNING. IT HAS BEEN A LONG TIME SINCE I HAVE SEEN THIS MUCH WORK DONE ON THIS TIME FRAME - TOOL PUSHER DOING GOOD ON PLANNING REPAIRS AND ADDING SAFETY EQUIPMENT HOOK-UPS.
	18:00 - 06:00	12.00	LOC	4	COULD BREAK TOUR ON SATURDAY - WAIT ON DAY LIGHTS
5/13/2007	06:00 - 19:00	13.00	LOC	4	ALL ELECTRIC HOOKED UP - ELECTRICIAN FINISHED REPAIRS - FLARE BOX SET - BUSTER RETURN TO SHAKERS SET IN WITH CRANE AND FINISHED - MUD PITS ARE READY - MUD PRODUCTS AND BAR UNLOADED - TORQUE ALL BOP CONNECTIONS - HAD TO RE LIFT HYDRILL AS TWO STUDS WOULD NOT TORQUE UP - BRIDAL BACK - TOP DRIVE SET ON CAT WALK READY FOR LIFT - SWIVEL SET ON FLOOR - WORK ON FLOW LINE - ALL PARTS FOR KOOMEY HERE EXCEPT CROSS HEAD(SUPPOSELY ON THE WAY) - S PIPE SHOWED UP FROM UNIT 236
	19:00 - 06:00	11.00	LOC	4	WAIT ON DAYLIGHTS
5/14/2007	06:00 - 18:00	12.00	LOC	4	BROKE TOURS TODAY SO WE THIN ON EXTRA HELPERS - BOLTS FOR NEW VALVES ARE WRONG THREAD COUNT SO WE WELDED HEAVY STRAP TO EACH FLANGE SO WE COULD FINISH VENT LINE FROM RT. HEAD TO BUSTER - CORRECT BOLTS SHOULD BE HERE MONDAY MORNING. DAY TANK HOOKED UP - FILLED - AND GOT WATER CIRCULATING - FLOW LINE WILL BE FINISHED MONDAY NIGHT - UNIT STILL HAS WELDERS WORKING IN TANKS REPAIRING ADGITATORS ECT. - ONE WELDER BURNED MOTOR UP - WILL HAVE IT CHANGED OUT AND BACK TOMORROW
	18:00 - 19:30	1.50	LOC	4	FINISH BOLTING UP FLANGES ON VENT LINE TO BUSTER AND ON BUSTER DRAIN -
	19:30 - 06:00	10.50	LOC	4	START RIGGING UP TOP DRIVE - HAD A HARD TIME WITH TOP DRIVE TRACK - SCREWING SWIVEL INTO TOP DRIVE AT 0500
5/15/2007	06:00 - 18:00	12.00	LOC	4	FINISHED RIGGING UP TOP DRIVE - TEST - SET TORQUE VALUES - FLOW LINE DONE EXCEPT FOR INSTALLING CORRECT BOLTS IN DIVERTOR VALVES WHICH WE WILL HAVE IN TUESDAY MORNING - ALL CHOKE LINES DONE - FLARE LINES NEED ONE PIECE FOR PANIC LINE AND THEN WELD TWO UNIONS TO HOOK UP FLARE BOX SO WE CAN INSTALL FLARE IGNITOR.INSTALLED NEW HOPPER PUMP - HOOKED UP YELLOW DOG AND NOW CIRCULATING SYSTEM
	18:00 - 06:00	12.00	LOC	4	UNIT SAFETY HAND SHOWED UP SO WE HAD 4 TO 5 HOURS PLAYING CATCH UP ON POTENTAL HAZARDS(HOUSE KEEPING-GROUND RODS-SAFETY PAPER WORK-SAFETY PINS-WHIP CHECKS) - FINISHED INSTALLING NEW VALVE AND DRESSER SLEEVE ASSEMBLY IN FLOW LINE SHAKER MANIFOLD. WE HAVE BEEN TOLD CROSS HEAD FOR KOOMEY PUMP HAD BEEN SENT BUT HAS NOT SHOWED UP IN CASPER - TP SAID HE THOUGHT THEY MIGHT PUT IN NEW CAT PUMP FOR REPLACEMENT - TP. GOING TO HAVE KOOMEY HAND TO PUT OTHER PARTS ON KOOMEY SYSTEM AND TEST AND FILL BOTTLES PLUS CHARGE UP PUMP BLADDERS
5/16/2007	06:00 - 08:00	2.00	LOC	4	TWO WELDERS RELEASED THIS EVENING - WE WILL HAVE 2 FOR ONE MORE DAY AND UNIT WILL HAVE ONE FOR 3 MORE DAYS - HIGH PRESSURE RT. RIGGED UP.- CHOKELINES-FLARE LINES AND FLARE BOX DONE - FLARE SET UP -
	08:00 - 18:00	10.00	LOC	4	QUIT RIGGING UP TO TAKE CARE OF SAFETY ISSUES - UNIT SAFETY HAND

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/16/2007	08:00 - 18:00	10.00	LOC	4	ON LOCATION ALL DAY - WELDER IN DERRICK BOARD FOR 3 HOURS - REPAIR KOOMEY HOSE LEAKS - CHANGE OUT TUGGER LINE - RIG UP SAFETY PIN CLIPS FOR BUSTER STAND
	18:00 - 04:00	10.00	LOC	4	CHANGE OUT ALL SWABS AND REPAIR ALL BAD SEATS AND VALVES IN BOTH PUMPS (WELDER HAD 2 HOURS WORKING ON SEAT)-CHANGE OUT TOP PIPE RAMS - INSTALL MAN HOLE COVER ON BUSTER - INSTALL CIRCULATING BOX ON BOTTOM OF LOW SPEED CENT. - HOOK UP BRAKE COOLING LINES - ADGITATORD COUPLERS ALL DONE EXCEPT FOR A COUPLE OF BOTTOM SHAFT HOLDERS WHICH WILL BE DONE WED. MORNING
	04:00 - 06:00	2.00	LOC	4	FINISH SAFETY ITEMS - COLOR CODE AIR HOISTS ON FLOOR - INSTALL CELLAR COVERS - INSTALL TOGGLE SWITCH FOR CROWN O MATIC - RIG UP LIGHTS AROUND RIG - INSTALL NEW HOOKS ON TUGGER LINES
5/17/2007	06:00 - 14:30	8.50	LOC	4	GENRAL RIG UP - HOUSE CLEANING - HELP WELDER IN MUD PITS ON ADGITATORS - FILL CELLAR WITH CEMENT
	14:30 - 18:00	3.50	BOP	2	TEST BOP'S
	18:00 - 22:00	4.00	BOP	2	TEST BOP'S - 3 TRIES TO GET INSIDE MANUAL ON KILL SIDE TO TEST -OK - 3 TIMES FOR HYDRILL TO FINALLY TESTOK - BAG DID NOT OPEN ALL THE WAY AND PULLED 126K THREW RUBBER WITH TEST PLUG
	22:00 - 22:30	0.50	EQT	1	TEST CASING TO 1500 PSI FOR 30 MIN. - OK
	22:30 - 01:00	2.50	RIG	2	TEST MUD LINES AND PUMPS TO 2000 PSI - REPAIR LEAKS
	01:00 - 06:00	5.00	LOC	4	CONTINUE HOUSE CLEANING - PUT BHA ON RACK - PUT WHIP CHECKS ON LINES - INSTALL SAFETY LINE ON DRILL LINE ROLLERS - PUT UP SUPPORT STANDS ON BUSTER LINES
5/18/2007	06:00 - 18:00	12.00	RIG	2	12 HOURS ON UNIT TIME WAITING ON KOOMEY PUMP AND TONG ARM - 28.5 TOTAL TIME ON UNIT - FROM 0100 NIGHT BEFORE TO 0530 THIS MORNING - WHILE WAITING ON PUMP UNIT DID PAINTING - CHANGE OUT KOOMEY BOTTLES - WORK ON KOOMEY HOUSE AND HOSES FOR SHORTNING UP SYSTEM - ORGANIZE PIPE ON LOCATION - HELP WELDERS WHEN NEEDED - KOOMEY PUMP SHOWED UP AT 1800 - T.P. MEET TRUCK IN TOWN AT SUPPLY STORE AND PICKED UP ALL FITTINGS NEEDED
	18:00 - 05:30	11.50	RIG	2	ON UNIT TIME - MAKING REPAIRS ON KOOMEY - REWIRE UNIT - FUNCTION ALL RAMS AND HYDRILL - DO FUNCTION TEST ON KOOMEY FOR BLM - WITNESSED BY BLM(CLIFF JOHNSON)-WILL CLEAN UP MESS AROUND UNIT WHILE DRILLING-HAD ALL KINDS OF PROBLENS ON REPAIRS WHITH CHINNESE FITTINGS AND BLEW HOLE IN ONE HYDRAULIC HOSE - HAD UNIT PAY TESTER TRUCK
	05:30 - 06:00	0.50	BOP	1	PICK UP DRILL PIPE FOR SETTING WEAR BUSHING - DRAIN STACK FOR VISUAL
5/19/2007	06:00 - 07:00	1.00	BOP	1	INSTALL WEAR BUSHING
	07:00 - 14:30	7.50	TRP	1	PICK UP 9 5/8 SQUARE MUD MOTOR - SHOTEN SLIP SECTION AND ADD SECTIONS ON COLLAR CLAMP TO INSTALL - DO OPPISITE AFTER GETTING MOTOR INTO HOLE - PICK UP 8" AND CONTINUE THREW 6.5 AND TO HWDP - ALL FLOOR HANDS HAVE GREEN HARDHATS
	14:30 - 15:00	0.50	BOP	1	INSTALL RT HEAD - CHECK OILER OK
	15:00 - 16:00	1.00	RIG	2	HOOK UP AUTO DRILLER CORRECTLY - TEST - OK
	16:00 - 18:00	2.00	RIG	2	REPAIR PASON UNIT IN DOG HOUSE - START CIRCULATING NEW EQUIPMENT WILL REPAIRS ARE BEING DONE
	18:00 - 19:30	1.50	CIRC	1	FINISH CIRCULATING ALL EQUIPMENT AND REPAIR SMALL LEAK ON PANIC LINE AND A SMALL ONE ON VENT LINE
	19:30 - 20:30	1.00	DRL	4	DRILL CEMENT AND FLOAT EQUIPMENT - DID FIND SHOE AT 514.5 - DRILLED TO 522'
	20:30 - 21:00	0.50	CIRC	1	CIRCULATE BOTTOMS UP FOR FIT

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/19/2007	21:00 - 21:30	0.50	EQT	2	FIT - MUD EQUIVLENT = 10.5 - HELD - OK
	21:30 - 22:00	0.50	DRL	1	DRILL FROM 522 TO 577
	22:00 - 23:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	23:00 - 06:00	7.00	DRL	1	DRILL FROM 577 TO 1039 OF 12.250 HOLE - PASON COMING BACK OUT TO DO REPAIRS ON ROP AUTO - WT. ON BIT
5/20/2007	06:00 - 11:30	5.50	DRL	1	DRILL FROM 1039 TO 1161 - REAM EACH CONNECTION - HOLE SMOOTH
	11:30 - 12:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	12:30 - 18:00	5.50	DRL	1	DRILL FROM 1161 TO 1284 - DAYLIGHTS DRILLER VERY GREEN - !!!!!!!!!!????
	18:00 - 23:30	5.50	DRL	1	DRILL FROM 1284 TO 1561
	23:30 - 00:00	0.50	CIRC	1	CIRCULATE BOTTOMS UP FOR SURVEY - 20 BBL SWEEP
	00:00 - 00:30	0.50	SUR	1	SURVEY - DEPTH = 1464 - .9 - 339.0
	00:30 - 06:00	5.50	DRL	1	DRILL FROM 1561 TO 1836 - TORQUE AND RT. GETTING SMOOTHER - HOLE IN GOOD SHAPE - STILL SWEEPING HOLE AND REAMING EACH CONNECTION
5/21/2007	06:00 - 07:30	1.50	DRL	1	DRILL FROM 1836 TO 1900
	07:30 - 08:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	08:30 - 10:30	2.00	RIG	2	REPAIR PUMPS - SOMETHING IN SUCTION LINES
	10:30 - 18:00	7.50	DRL	1	DRILL FROM 1900 TO 2150
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 2150 TO 2453 - HOLE IN GOOD SHAPE - MW. 8.5 TO 8.7 - SWEEPS WORKING WELL - EXTRA GALLONS WORKING WELL TO. BIT SLOWING IN GREEN RIVER TRANSISION
5/22/2007	06:00 - 10:00	4.00	DRL	1	DRILL FROM 2453 TO 2465 - CAN GET TO PICK UP - NO TORQUE ECT. WITH DIFFERANT PERAMATERS
	10:00 - 10:30	0.50	CIRC	1	CIRCULATE BOTTOMS UP FOR TRIP OUT - 20 BBL SWEEP
	10:30 - 11:00	0.50	SUR	1	SURVEY - DEPTH= 2400 - 1.4 - 290.1
	11:00 - 14:00	3.00	TRP	10	TRIP OUT - NO DERRICK HAND - 2 HANDS SHORT - TP HELPING IN DERRICKS
	14:00 - 15:30	1.50	TRP	1	HANDLE BHA - LD IBS-JARS-BIT AND PICK UP SAME
	15:30 - 18:00	2.50	TRP	2	TRIP INTO HOLE SHORT HANDED -
	18:00 - 19:00	1.00	TRP	2	TRIP INTO HOLE SLOWLY - HOLE OK
	19:00 - 19:30	0.50	REAM	1	SAFETY REAM 30' TO BOTTOM
	19:30 - 03:00	7.50	DRL	1	DRILL FROM 2465 TO 2516 - BIT WILL NOT PICK UP AND DRILL
	03:00 - 04:00	1.00	DRL	1	WORK BIT WITH COMPLETE DIFFERANT PERAMATERS - PUMP SWEEPS - NO HELP
	04:00 - 05:30	1.50	CIRC	1	CIRCULATE BOTTOMS UP WHILE MIXING PILL - HAVING PROBLEMS MIXING PILL
	05:30 - 06:00	0.50	TRP	10	TRIP OUT BIT #2
5/23/2007	06:00 - 08:00	2.00	TRP	10	FINISH TRIP OUT FOR BIT
	08:00 - 08:30	0.50	BOP	1	PULL RT. HEAD
	08:30 - 09:00	0.50	TRP	1	SWAP OUT BIT - CLEAN FLOOR FOR GOING TO BOTTOM
	09:00 - 11:30	2.50	TRP	2	TRIP TO BOTTOM - HOLE CLEAN
	11:30 - 18:00	6.50	DRL	1	DRILL FROM 2516 TO 2586 - HIGH TORQUE - KEEP CHANGING PERAMATERS TRYING TO GET BIT TO DRILL
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 2586 TO 2670 - ROUGH DRILLING - PREPARING FOR POSSIBLE TRIP
5/24/2007	06:00 - 13:00	7.00	DRL	1	DRILL F/ 2,670'-2,731', WOB- 15-20K, RPM- 195-230 COMBINED, TORQ- 1500-2500 PSI, GPM- 770-857 (INCREASED SURFACE RPM FROM 45 TO 100 TO SMOOTH OUT TORQUE & STICK SLIPPING. MW- 8.6, VIS- 34, INCREASED PIT WATER TO LOWER VIS.
	13:00 - 14:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & COM
	14:00 - 18:00	4.00	DRL	1	DRILL F/ 2,731'-2,780', WOB- 18-20K, RPM- 230 COMBINED, TORQ.- 1800-2100 PSI, GPM- 814, MW- 8.6, VIS- 32, BG GAS- 100u, CONN GAS- 165u, PICKED UP TRACE OF TRONA WATER @ 2750'

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/24/2007	18:00 - 06:00	12.00	DRL	1	DRILL F/ 2,780'-2,920', WOB- 18-22K, RPM- 235 COMBINED, TORQ.- 1600-1800 PSI, GPM- 857, MW- 8.7, VIS- 30, BG GAS- 100u, CONN GAS- 140, NO FLOW ON CONNECTIONS.
5/25/2007	06:00 - 10:00	4.00	DRL	1	DRILL F/ 2,920'-2,979', WOB- 20-28K, DIFF. PRESS.- 100-250 PSI, RPM- 235 COMBINED, TORQ.- 1800-2400 PSI, GPM- 857, MW- 8.7, VIS- 29, BG GAS- 150u, CONN GAS- 375u, 1/4" TRONA WATER FLOW ON CONNECTION. PUMPING 10 BBL HI VIS SWEEPS EVERY 100' TO CLEAN HOLE.
	10:00 - 11:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS & COM
	11:00 - 18:00	7.00	DRL	1	DRILL F/ 2,979'-3,116', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS-250u, CONN GAS- 800u, 1/4" FLOW ON CONNECTIONS.
	18:00 - 19:00	1.00	RIG	2	CHANGE OFF DRILLER SWAB & LINER IN #1 PUMP
	19:00 - 23:00	4.00	DRL	1	DRILL F/ 3,116'-3,183', DRILLING WITH SAME PARAMETERS, MW & VIS, NO FLOW ON CONNECTION, PUMPING 10 BBL HI VIS SWEEPS EVERY 100'
	23:00 - 00:00	1.00	RIG	2	CHANGE MIDDLE SWAB & LINER IN #1 PUMP
	00:00 - 06:00	6.00	DRL	1	DRILL F/ 3,183'-3,244', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS-120u, CONN GAS- 450u, NO FLOW ON CONNECTION. PUMPING 10 BBL HI VIS SWEEPS EVERY 100'.
5/26/2007	06:00 - 07:00	1.00	DRL	1	DRILL F/ 3,244'-3,287', WOB- 20-28K, RPM- 235 COMBINED, TORQ.- 2000-2300 PSI, MW- 8.6, VIS- 29, BG GAS- 250u
	07:00 - 08:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNTION ANNULAR & COM
	08:00 - 13:00	5.00	DRL	1	DRILL F/ 3,287'-3,393', DRLG WITH SAME PARAMETERS, MW & VIS, 1/4" TRONA WATER FLOW ON CONNECTION, PUMPING 10 BBL HI VIS SWEEPS EVERY 100'
	13:00 - 15:00	2.00	RIG	2	CHANGED 2 SWABS & 1 VALVE IN #1 PUMP & WORKED ON LINER WASHER LINES ON BOTH PUMPS.
	15:00 - 16:00	1.00	SUR	1	CIRC. & SURVEY @ 3,393', SURVEY DEPTH- 3,343', 1 DEG, 293.6 AZ
	16:00 - 18:30	2.50	DRL	1	DRILL F/ 3,393'-3,421', DRLG WITH SAME PARAMETERS, MW & VIS, 1/4" TRONA WATER FLOW ON CONNECTION, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS AS NEEDED
	18:30 - 19:30	1.00	RIG	2	REPLACE BAD VALVE & SEAT IN #2 PUMP
	19:30 - 22:00	2.50	DRL	1	DRILL F/ 3,421'-3,442', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS-550u, PUMPED 10 BBL HI VIS BIT BALLING SWEEPS TO TRY HELP ROP
	22:00 - 23:00	1.00	CIRC	1	MIX & PUMP TRIP SLUG
	23:00 - 02:00	3.00	TRP	10	TRIP OUT F/ BIT #3
	02:00 - 04:00	2.00	TRP	1	FUNCTION BLIND RAMS, LAY DOWN SQUARE MOTOR & IBS, PICK UP HUNTING .10 STAB. MOTOR & 1/8 UNDER IBS
	04:00 - 06:00	2.00	TRP	10	MAKE UP NEW BIT & TRIP IN BHA
5/27/2007	06:00 - 08:30	2.50	TRP	10	TRIP IN, INSTALL ROT. HEAD & BREAK CIRC. @ 2,400'
	08:30 - 09:00	0.50	REAM	1	WASH 60' TO BOTTOM, 5' OF FILL
	09:00 - 10:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION BOTTOM PIPE RAMS
	10:00 - 10:30	0.50	RIG	2	#1 PUMP AIRED UP, BACK FLUSH SUCTION LINE
	10:30 - 18:00	7.50	DRL	1	DRILL F/ 3,442'-3,636', WOB- 15-20K, RPM- 160 COMBINED,TORQ.- 1200-1300 PSI, GPM- 875, MW- 8.7, VIS- 29, BG GAS- 700u, CONN GAS- 2,500u, TRIP GAS- 2,861u, PUMPING 10 BBL HI VIS SWEEPS EVERY 100', 1/4" STREAM TRONA WATER FLOW ON CONNECTIONS.
	18:00 - 20:00	2.00	DRL	1	DRILL F/ 3,636'-3,703', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS-2,800u VENTING THRU BUSTER WITH 8-15' FLARE
	20:00 - 22:00	2.00	RIG	2	TOP DRIVE REPAIR- INJECTOR LINE BROKE ON MOTOR (GOT A LINE THAT WILL WORK FROM ENSIGN 24 UNTIL RIGHT LINE SHOWS UP)
	22:00 - 06:00	8.00	DRL	1	DRILL F/ 3,703'-3,864', WOB- 18-20K, RPM- 160 COMBINED, TORQ.- 1100-1300 PSI, GPM- 875, MW- 8.7, VIS- 29, BG GAS- 2400u WITH 8-10 FLARE, CONN GAS- 4180u WITH 15' FLARE, PUMPING 10 BBL HI VIS SWEEPS EVERY 100', 1/4" TRONA WATER FLOW ON CONNECTIONS.

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/28/2007	06:00 - 07:00	1.00	DRL	1	DRILL F/ 3,864'-3,913', WOB- 18-20K, RPM- 160, TORQ.- 1200-1400 PSI, GPM- 875, MW- 8.7, VIS- 29, BG GAS- 2400 VENTING THRU BUSTER WITH 5-10' FLARE
	07:00 - 08:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS & COM
	08:00 - 19:00	11.00	DRL	1	DRILL F/ 3,913'-4,102', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS- 2,000u WITH 3-5' FLARE, CONN GAS- 2,500u WITH 6-10' FLARE, 1/4-1/2" TRONA WATER FLOW ON CONNECTIONS.
	19:00 - 20:30	1.50	RIG	2	TOP DRIVE REPAIR- TIGHTEN HYDRAULIC HOSES
	20:30 -		DRL	1	DRILL F/ 4,102'-4,260', WOB- 18-22K, RPM- 175 COMBINED, TORQ.- 1400-1700 PSI, GPM- 875, MW- 8.7, VIS- 29, BG GAS- 1800 VENTING THRU BUSTER WITH 5-8' FLARE, CONN GAS- 3500u WITH 15' FLARE, PUMPING 10 BBL HI VIS SWEEPS EVERY 100', 1/4-1/2" TRONA WATER FLOW ON CONNECTIONS
5/29/2007	06:00 - 07:00	1.00	RIG	2	TOP DRIVE MOTOR QUIT, CHANGED FUEL FILTERS & BLED INJECTOR LINES
	07:00 - 08:30	1.50	DRL	1	DRILL F/ 4,260'-4,287', WOB- 18-22K, RPM- 175 COMBINED, TORQ.- 1400-1800 PSI, MW- 8.7, VIS- 29, BG GAS- 1750 VENTING THRU BUSTER WITH 5-8' FLARE.
	08:30 - 09:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS & COM
	09:30 - 10:00	0.50	RIG	2	TIGHTEN & RESPOOL HYDRAULIC LINES ON TOP DRIVE UNIT.
	10:00 - 21:00	11.00	DRL	1	DRILL F/ 4,287'-4,474', DRLG WITH SAME PARAMEYERS, MW & VIS, BG GAS- 1,100 WITH 3-5' FLARE, CONN GAS- 2650u WITH 10-15' FLARE, 1/2" TRONA WATER FLOW ON CONNECTIONS, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS TO CLEAN HOLE & IMPROVE ROP.
	21:00 - 21:30	0.50	SUR	1	CIRCULATE & SURVEY @ 4,474', SURVEY DEPTH- 4,389- .8 DEG, 117 AZ (COULD POSSIBLY BE A MISS RUN, BOTTOM OF DP SCREEN CAME LOOSE, EXPECT TO FIND IT ON TOP OF 6 1/2" DC'S.)
	21:30 - 05:00	7.50	DRL	1	DRLG F/ 4,474'-4,643', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS- 1800u WITH 3-5' FLARE, CONN GAS- 3600u WITH 10-15' FLARE, PUMPING 10 BBL HI VIS SWEEPS EVERY 100', 1/2 TRONA WATER FLOW ON CONNECTIONS
	05:00 - 05:30	0.50	RIG	2	REPLACE SWAB IN #1 PUMP
	05:30 - 06:00	0.50	DRL	1	DRILL F/ 4,643'-4,653, DRLG WITH SAME PARAMETERS, MW & VIS
5/30/2007	06:00 - 14:00	8.00	DRL	1	DRILL F/ 4,653'-4,782', WOB- 18-22K, RPM- 175 COMBINED, TORQ.- 1400-1850 PSI, GPM- 875, MW- 8.7, VIS- 28, BG GAS- 2150 VENTING THRU BUSTER WITH 3-5' FLARE, CONN GAS- 3550 WITH 8-10' FLARE, 1/2" STREAM TRONA WATER FLOW ON CONNECTIONS. PUMPING 10 BBL HI VIS SWEEPS EVERY 100'.
	14:00 - 15:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & COM
	15:00 - 20:00	5.00	DRL	1	DRILL F/ 4,782'-4,845', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS- 2000u WITH 2-3' FLARE, CONN GAS- 3980 WITH 5-8' FLARE, 1/4-1/2" TRONA WATER FLOW ON CONNECTION. PUMPING 10 BBL VIS BIT BALLING SWEEPS AS NEEDED.
	20:00 - 21:00	1.00	RIG	2	REPLACE SWAB IN #2 PUMP
	21:00 - 06:00	9.00	DRL	1	DRILL F/ 4,845'-4,934', WOB- 18-28K, RPM- 175 COMBINED, TORQ.- 1400-1800 PSI, GPM- 875, MW- 8.8, VIS- 28, BG GAS- 2400u VENTING THRU BUSTER, NO FLARE, CONN GAS- 3400u WITH 5-8' FLARE, 1/4-1/2" TRONA WATER FLOW ON CONNECTIONS, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS AS NEEDED
5/31/2007	06:00 - 11:30	5.50	DRL	1	DRILL F/ 4,934'-4,998', WOB- 20-28K, RPM- 175 COMBINED, TORQ.- 1400-1800 PSI, GPM- 875, MW- 8.7, VIS- 28, BG GAS- 2450 VENTING THRU BUSTER, NO FLARE, CONN GAS- 3900u WITH 5-8' FLARE, 1/2" TRONA WATER FLOW ON CONNECTIONS, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS AS NEEDED.
	11:30 - 12:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION BOTTOM PIPE RAMS & COM
	12:30 - 13:00	0.50	RIG	2	REPLACE PUMP PRESSURE SENSOR F/ MATHENA CHOKE PANEL.
	13:00 - 01:30	12.50	DRL	1	DRILL F/ 4,998'-5,153', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS-

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/31/2007	13:00 - 01:30	12.50	DRL	1	1900, NO FLARE, CONN GAS- 3200u, NO FLARE, 1/2" TRONA WATER FLOW ON CONNECTION, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS AS NEEDED.
	01:30 - 02:30	1.00	RIG	2	REPLACE LINER GASKET IN #1 PUMP
	02:30 - 06:00	3.50	DRL	1	DRILL F/ 5,153'-5,200', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS- 2400u WITH NO FLARE, CONN GAS-3600u WITH NO FLARE, 1,2" TRONA WATER FLOW ON CONNECTION, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS AS NEEDED.
6/1/2007	06:00 - 14:00	8.00	DRL	1	DRILL F/ 5,200'-5,371', WOB- 22-28K, RPM- 175 COMBINED, TORQ.- 1500-1800 PSI, GPM- 875 , MW- 8.8, CIS-30, BG GAS- 1900u, CONN GAS- 300u, NO FLARE, 1/2" TRONA WATER FLOW ON CONNECTIONS, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS AS NEEDED.
	14:00 - 15:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS
	15:00 - 22:30	7.50	DRL	1	DRILL F/ 5,371'-5,463', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS- 2000u, CONN GAS- 2800u, NO FLARES, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS AS NEEDED
	22:30 - 00:00	1.50	RIG	2	REPLACE SWAB IN #1 PUMP
	00:00 - 02:30	2.50	DRL	1	DRILL F/ 5,463'-5,497', WOB- 25-30K, RPM- 175 COMBINED, TORQ. 1500-1800 PSI, GPM- 875, STARTED TO MUD UP @ 5,475', MW- 8.8, VIS- 31, BG GAS- 2400u, CONN GAS- 2900u, NO FLARES, 1/2" TRONA WATER FLOW ON CONNECTION, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS AS NEEDED.
	02:30 - 03:30	1.00	FISH	6	JAR LOOSE STUCK PIPE @ 5,466' & PUMP TWO 20 BBL HI VIS SWEEPS AROUND TO CLEAN HOLE.
	03:30 - 04:30	1.00	DRL	1	DRILL F/ 5,497'-5,502', DRLG WITH SAME PARAMETERS, MW- 8.8, VIS- 34, BG GAS- 450U
	04:30 - 05:30	1.00	CIRC	1	CIRCULATE, MIX TRIP SLUG & FILL TRIP TANK
	05:30 - 06:00	0.50	TRP	10	PUMP PILL & TRIP OUT
6/2/2007	06:00 - 10:00	4.00	TRP	10	TRIP OUT, FUNCTION COM
	10:00 - 10:30	0.50	TRP	1	MUD MOTOR PARTED- LAY DOWN SHOCK SUB & TOP HALF OF MUD MOTOR
	10:30 - 11:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION BLIND RAMS
	11:30 - 15:30	4.00	FISH	5	WAIT ON FISHING TOOLS, CIRCULATE OVER TOP OF HOLE USING TRIP TANK
	15:30 - 22:00	6.50	FISH	5	MAKE UP FISHING TOOLS & TRIP IN
	22:00 - 00:00	2.00	FISH	5	CIRCULATE & WASH OVER FISH
	00:00 - 05:00	5.00	FISH	5	TRIP OUT WITH FISH USING SPINNERS
	05:00 - 06:00	1.00	FISH	5	LAY DOWN FISH & FISHING TOOLS
6/3/2007	06:00 - 09:00	3.00	FISH	5	LAY DOWN FISHING TOOLS
	09:00 - 10:00	1.00	TRP	1	PICK UP NEW MUD MOTOR, IBS & SHOCK SUB
	10:00 - 14:00	4.00	TRP	2	MAKE UP NEW BIT & TRIP IN, BREAK CIRC @ 1,900' & 4,200'
	14:00 - 14:30	0.50	REAM	1	WASH 30' TO BOTTOM, 5' OF FILL
	14:30 - 18:00	3.50	DRL	1	DRILL F/ 5,502'-5,578', WOB- 12-15K, RPM- 180 COMBINED, GPM- 818, MW- 8.9, VIS- 34, BG GAS- 150u, TRIP GAS- 5500u WITH 8-10' FLARE
	18:00 - 19:00	1.00	SUR	1	CIRCULATE & SURVEY, SURVEY DEPTH- 5,500'- 1.4 DEG, 117.8 AZ
	19:00 - 06:00	11.00	DRL	1	DRILL F/ 5,578'-5,730', WOB- 12-18K, RPM- 190 COMBINED, GPM- 815-855, MW- 8.8, VIS- 37, BG GAS- 150, CONN GAS-250, PUMPING 10 BBL BIT BALLING SWEEPS AS NEEDED FOR SEVERE BIT BALLING, NO LOSSES
6/4/2007	06:00 - 17:00	11.00	DRL	1	DRILL F/ 5,730'-5,795', WOB- 15-30K, RPM- 180-230, GPM- 815-875, PUMPING 10-20 BBL BIT BALLING SWEEPS, MW- 8.7, VIS- 40, BG GAS- 50u, NO LOSSES
	17:00 - 18:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION BOTTOM PIPE RAMS & COM
	18:00 - 06:00	12.00	DRL	1	DRILL F/ 5,795'-5,905', DRLG WITH SAME PARAMETERS, MW- 8.9, VIS- 37, BG GAS- 125u, CONN GAS- 400u, PUMPING 10 BBL BIT BALLING SWEEPS (HAVE NOT BEEN VARY EFFECTIVE LAST 12 HRS) NO LOSSES
6/5/2007	06:00 - 14:00	8.00	DRL	1	DRILL F/ 5,905'-5,971', WOB- 18-28K, RPM- 190-225 COMBINED, GPM- 855-900,

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/5/2007	06:00 - 14:00	8.00	DRL	1	MW- 8.9, VIS- 38, BG GAS- 125u, PUMPED 10-15 BBL BIT BALLING SWEEPS TO TRY IMPROVE ROP.
	14:00 - 15:00	1.00	SUR	1	DROP SURVEY & LUBRICATE RIG & TOP DRIVE, FUNCTION HCR
	15:00 - 20:30	5.50	TRP	10	PUMP PILL & TRIP OUT, FUNCTION COM (HOLE FILL 18 BBLS OVER CALCULATED)
	20:30 - 23:00	2.50	TRP	1	FUNCTION BLIND RAMS, BREAK BIT, LAY DOWN MUD MOTOR & PICK UP NEW MUD MOTOR
	23:00 - 03:00	4.00	TRP	10	MAKE UP NEW BIT & TRIP IN, BREAK CIRCULATION @ 2,100' & 5,100'
	03:00 - 04:00	1.00	REAM	1	WASH & REAM 355' TO BOTTOM
	04:00 - 06:00	2.00	DRL	1	DRILL F/ 5,971'-6,000', WOB- 8-10K, RPM- 130 COMBINED, GPM- 814, MW- 8.9, VIS- 44, BG GAS- 85u, TRIP GAS- 2,500u, NO FLARE, NO LOSSES.
6/6/2007	06:00 - 07:30	1.50	DRL	1	DRILL F/ 6,000'-6,049, WOB- 8-12K, RPM- 130 COMBINED, GPM- 814, MW- 8.9, VIS- 40, BG GAS- 20u, CONN GAS- 40u, HAVEN'T HAD ANY BIT BALLING WITH VARY LITTLE SEEPAGE.
	07:30 - 08:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS & COM
	08:30 - 18:30	10.00	DRL	1	DRILL F/ 6,049'-6,234', DRLG WITH SAME PARAMETERS, MW & VIS, NO BIT BALLING & NO LOSSES. BG GAS- 30u, CONN GAS- 50U
	18:30 - 19:30	1.00	RIG	2	TROUBLESHOOT & REPLACE BLOWN FUSES IN SCR
	19:30 - 20:00	0.50	DRL	1	DRILL F/ 6,234'-6,243'
	20:00 - 20:30	0.50	RIG	2	TIGHTEN & GREASE SWIVEL PACKING
	20:30 -		DRL	1	DRILL F/ 6,243'-6,350', WOB- 10-15K, RPM- 130 COMBINED, GPM- 814, MW- 8.8, VIS- 37, BG GAS- 50, CONN GAS- 100, PUMPING 10 BBL BIT BALLING SWEEPS AS NEEDED, NO LOSSES
6/7/2007	06:00 - 15:00	9.00	DRL	1	DRILL FROM 6350 TO 6485
	15:00 - 16:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE - PUTTING EXTRA GREASE IN SWIVEL PACKING AS IT IS LEAKING A LITTLE - WILL CHANGE OUT ON NEXT TRIP ALONG WITH BLADDER ON #1 PUMP
	16:00 - 18:00	2.00	DRL	1	DRILL FROM 6485 TO 6510 - HIT HEAVY BIT BALLING AT 6448
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 6510 TO 6627
6/8/2007	06:00 - 15:00	9.00	DRL	1	DRILL FROM 6627 TO 6730 - BIT BALLING - PUMPING SWEEPS AND ADDING BIT WT ALONG WITH SLOWER ROTARY
	15:00 - 16:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	16:00 - 18:00	2.00	DRL	1	DRILL FROM 6730 TO 6782 - STILL DRILLING GOOD WITH 25K ON BIT
	18:00 - 18:30	0.50	DRL	1	DRILL FROM 6782 TO 6793
	18:30 - 20:00	1.50	RIG	2	REPAIR #1 PUMP - 1 VALVE - 1 SEAT - 3 SPRINGS
	20:00 - 23:30	3.50	DRL	1	DRILL FROM 6793 TO 6873
	23:30 - 01:00	1.50	RIG	2	REPLACE SWAB AND LINER GASKET
	01:00 - 02:00	1.00	DRL	1	DRILL FROM 6873 TO 6894
	02:00 - 02:30	0.50	RIG	2	REPLACE WASHED FITTING ON SUCTION SIDE OF CENT PUMP - LOST 145 BBLS
	02:30 - 06:00	3.50	DRL	1	DRILL FROM 6894 TO 6985 - FINALLY STARTING TO SEE SOME SMALL SAND STRINGERS IN DRILLING AND SAMPLES
6/9/2007	06:00 - 10:30	4.50	DRL	1	DRILL FROM 6985 TO 7066
	10:30 - 11:30	1.00	RIG	2	REPLACE 2 SPRINGS - 2 VALVES AND 1 SEAT IN #2 PUMP
	11:30 - 13:30	2.00	DRL	1	DRILL FROM 7066 TO 7102
	13:30 - 14:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	14:30 - 18:00	3.50	DRL	1	DRILL FROM 7102 TO 7175
	18:00 - 21:30	3.50	DRL	1	DRILL FROM 7175 TO 7245
	21:30 - 22:00	0.50	RIG	2	CHANGE VALVE AND SEAT IN #2 PUMP
	22:00 - 06:00	8.00	DRL	1	DRILL FROM 7245 TO 7350 - KEEP PUMPING SWEEPS AND ADDING LCM - HOLE STARTED TAKING 20 BBLS PER HOUR SO WE STARTED ADDING LCM TO ACTIVE - LOST AROUNG 300 BBLS BUT HOLDING GOOD NOW AND BUILDING GOOD VOLUME - I WOULD SAY LOSSES PICKED UP FROM 7045 TO

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/9/2007	22:00 - 06:00	8.00	DRL	1	7067 AS THAT IS WHERE WE HAD A VERY GOOD DRILLING BREAK
6/10/2007	06:00 - 06:30	0.50	DRL	1	DRILL FROM 7350 TO 7365
	06:30 - 07:30	1.00	RIG	2	REPLACE SEAT AND VALVE ON #2 PUMP
	07:30 - 12:00	4.50	DRL	1	DRILL FROM 7365 TO 7447
	12:00 - 13:00	1.00	RIG	2	REPAIR LINER WASHER
	13:00 - 15:00	2.00	DRL	1	DRILL FROM 7447 TO 7471
	15:00 - 16:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	16:00 - 18:00	2.00	DRL	1	DRILL FROM 7471 TO 7500 - TOOK A TWO HOUR MUD LOSE CHECK - LOSING 6 BBLS PER HOUR WITH TREATMENTS
	18:00 - 00:30	6.50	DRL	1	DRILL FROM 7500 TO 7579N - BIT SLOWED AND STAYED THERE - SWEEPS NO HELP - PREPARE FOR TRIP OUT
	00:30 - 02:30	2.00	CIRC	1	CIRCULATE TWO SWEEPS OUT OF HOLE TO CLEAN UP - BUILD PILL WHILE SWEEPING HOLE
	02:30 - 03:00	0.50	SUR	1	DROP SURVEY AND PUMP PILL
	03:00 - 06:00	3.00	TRP	10	TRIP IN LOW LOW - HOLE OK SO FAR
6/11/2007	06:00 - 08:00	2.00	TRP	10	TRIP TO BHA
	08:00 - 08:30	0.50	BOP	1	PULL RT. HEAD
	08:30 - 14:00	5.50	ISP	1	INSPECT BHA - OK -
	14:00 - 16:00	2.00	TRP	1	HANDLE BHA - LD MM - BIT - SHOCK SUB - IBS AND PICK UP SAME MINUS THE SHOCK SUB
	16:00 - 18:00	2.00	TRP	2	TRIP BHA INTO HOLE - FILL
	18:00 - 19:00	1.00	BOP	1	INSTALL RT. HEAD - CIRCULATE FOR 10 MIN. WHILE ELECTRICIAN CHECKED OUT SCR'S
	19:00 - 21:00	2.00	RIG	6	CUT DRILL LINE
	21:00 - 23:00	2.00	RIG	2	CHANGE OUT SWIVEL PACKING - QUICK CHANGE DID NOT WORK - REPACKED OLD ONE - OK
	23:00 - 00:00	1.00	RIG	2	SERVICE RIG AND TOP DRIVE
	00:00 - 06:00	6.00	TRP	2	TRIP IN TO HOLE SLOWLY - FILLING EVERY ROW AND CIRC. FOR 5 MIN. - STARTING AT 5500' HAD TO WASH TWO STANDS DOWN(DID 5 STANDS TO BE SAFE) STILL GETTING RETURNS - WILL KELLY UP ON EVERY JOINT IN CASE WE NEED TO WASH AND REAM TO BOTTOM
6/12/2007	06:00 - 07:00	1.00	FISH	6	WORK STUCK PIPE - DEPTH = 7223 - PACKED OFF - WORK UNTIL WE HAD 5 FREE FEET - FINALLY GOT RETURNS - LOST 160 BBLS WHILE WORKING PIPE - HELD 400 PSI WHILE WORKING PIPE FREE
	07:00 - 09:00	2.00	REAM	1	PUMP SWEEPS AND CLEAN HOLE WHILE REAMING STANDS DOWN - LAST 20' HARD FILL
	09:00 - 12:00	3.00	DRL	1	DRILL FROM 7579 TO 7610 - PUMPING LCM SWEEPS EVERY .5 HOUR FOR THREE THEN EVERY HOUR - GOOD RETURNS NOW
	12:00 - 13:00	1.00	RIG	2	REPLACE ONE SEAT AND TWO VALVES IN #1 PUMP
	13:00 - 15:00	2.00	DRL	1	DRILL FROM 7610 TO 7643
	15:00 - 16:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	16:00 - 18:00	2.00	DRL	1	DRILL FROM 7643 TO 7675 - ROP SLOWING - PICKING UP VERY HARD SILTSTONE - VERY ABRASIVE
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 7675 TO 7785 - TRYING TO KEEP ROP UP - LOSSES = 3 BBLS PER HOUR - VERY GOOD - SLIP STICKING WITH HIGHER RT. - EXTRA PUMPS NO HELP - SLOWING RPM ON SURFACE HELPING
6/13/2007	06:00 - 08:00	2.00	DRL	1	DRILL FROM 7785 TO 7883
	08:00 - 09:00	1.00	RIG	2	CHANGE OUT CENTER SWAB ON #2 PUMP
	09:00 - 17:30	8.50	DRL	1	DRILL FROM 7810 TO 7883 - BIT DIED - WORKED WITH IT FOR TWO HOURS WITH NO HELP
	17:30 - 18:00	0.50	CIRC	1	PUMP SWEEPS FOR CLEANING HOLE FOR TRIP OUT
	18:00 - 19:00	1.00	CIRC	1	FINISH CIRCULATING HOLE CLEAN FOR TRIP OUT
	19:00 - 19:30	0.50	SUR	1	DROP SURVEY AND PUMP PILL

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/13/2007	19:30 - 00:00	4.50	TRP	10	TRIP OUT - ONE SMALL TIGHT SPOT ON STAND 23 - 5825'
	00:00 - 00:30	0.50	TRP	1	SWAP OUT BITS
	00:30 - 02:30	2.00	TRP	2	TRIP BHA AND ONE STAND DP - FILL AND CIRCULATE
	02:30 - 04:00	1.50	RIG	1	SERVICE RIG AND XO OIL IN TOP DRIVE
	04:00 - 06:00	2.00	TRP	2	TRIP PIPE INTO HOLE FILLING EVERY TWO ROWS
6/14/2007	06:00 - 07:00	1.00	FISH	6	WORK STUCK PIPE FREE AND ADD LCM -TOP DRIVE TRACK PULLED AWAY FROM TOP DRIVE UNIT WHEN DRILL PIPE TORQE WAS ADDED - BYPASS SHAKERS AND ADD BAR - REPAIR WET BAR LINE
	07:00 - 10:00	3.00	CIRC	1	CIRCULATE HOLE CLEAN WITH SWEEPS - ADD LCM TO SYSTEM
	10:00 - 12:00	2.00	RIG	2	REPLACE BREAK OUT LINE AND REPAIR TORQUE BOARD SLIDE ON TOP DRIVE
	12:00 - 15:00	3.00	REAM	1	WASH AND REAM 5 STANDS DOWN FROM 6200 TO 6700
	15:00 - 16:30	1.50	FISH	6	WORK STUCK PIPE AGAIN - WORKED AND JARRED FREE
	16:30 - 18:00	1.50	CIRC	1	CIRCULATE HOLE WITH HIGH LCM SWEEPS AT HIGH RATE - START RAISING MUD WT. TO 9.5 TO BE ABLE TO TRIP TO BOTTOM
	18:00 - 00:00	6.00	CIRC	1	CIRCULATE AND CONDITION MUD - RAISE MUD WT. TO 9.4 ALL AROUND WITH 9% LCM - WILL RAISE MUD WT. TO 9.5 WHILE REAMING TO BOTTOM
	00:00 - 06:00	6.00	REAM	1	WASH AND REAM TO BOTTOM - 7100 TO 7200 WAS HARD AND TORQUEY - LAST 15' TO BOTTOM HARD - WILL LEAVE SHAKERS BYPASSED FOR A WHILE UNTIL HOLE STAYS STABLE WITH 9.5 MUD WT.
6/15/2007	06:00 - 17:00	11.00	DRL	1	DRILL FROM 7883 TO 7952
	17:00 - 18:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 7952 TO 8012 - WORKING WITH JIM I. TO GET BIT TO DRILL - SHAKERS BYPASSED - 9% LCM -
6/16/2007	06:00 - 07:30	1.50	RIG	2	PASON SHUT DOWN AND WENT INTO UPDATE REPAIR MODE - PASON HELP DESK PUT SYSTEM BACK ON LINE
	07:30 - 15:30	8.00	DRL	1	DRILL FROM 8012 TO 8077 (CLIFF WITH BLM GAVE VERBAL APPROVAL ON EXTENTION ON BOP TEST UNTIL AFTER CASING) (NEW SUNDRY DONE AND APROVED FOR SHORTER DEPTH)
	15:30 - 16:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	16:30 - 18:00	1.50	DRL	1	DRILL FROM 8077 TO 8092 - SWEEPING HOLE EVERY HOUR
	18:00 - 01:30	7.50	DRL	1	DRILL FROM 8092 TO 8140 = TD FOR INTER. CASING
	01:30 - 03:00	1.50	CIRC	1	CIRCULATE AND SWEEP HOLE CLEAN FOR SHORT TRIP
	03:00 - 03:30	0.50	CIRC	1	FLOW CHECK - OK - PUMP PILL
	03:30 - 06:00	2.50	TRP	14	SHORT TRIP FOR LOGS - REAM TIGHT SPOTS FROM 7700' TO 7613 - SAFETY REAM FROM 7613 TO 7518
6/17/2007	06:00 - 11:00	5.00	TRP	14	FINISH SHORT TRIP OUT - SLM ON DRILL PIPE ONLY - OK
	11:00 - 15:00	4.00	TRP	2	TRIP IN TO HOLE SLOWLY AS TO NOT ADGITATE ATR SANDS
	15:00 - 17:30	2.50	REAM	1	SAFETY WASH AND REAM 7550 TO 8140 - OK
	17:30 - 18:00	0.50	CIRC	1	START CIRC. AND CONDITIONING - PUMP HOLE CLEANING SWEEP
	18:00 - 20:30	2.50	CIRC	1	FINISH CONDITIONING MUD - BUILD DRY PILL
	20:30 - 22:00	1.50	REAM	1	SAFETY REAM FROM 8140 TO 7300
	22:00 - 22:30	0.50	CIRC	1	PUMP DRY PILL
	22:30 - 00:30	2.00	TRP	2	TRIP OUT FOR LOGS
	00:30 - 01:00	0.50	BOP	1	PULL RT. HEAD
	01:00 - 02:30	1.50	TRP	2	TRIP BHA OUT
	02:30 - 03:30	1.00	TRP	1	HANDLE BHA - LD MM - IBS - BIT - NON-MAG
	03:30 - 06:00	2.50	LOG	1	HOLD SAFETY MEETING - RIG UP LOGGERS - LOG HOLE
6/18/2007	06:00 - 18:00	12.00	LOG	1	LOG OR TRY TO LOG OPEN HOLE WITH FIRST TRUCK - IT GOT HOT AND SURGED TOOLS - COME OUT AND RIG UP SECOND LOGGING TRUCK THAT WAS BROUGHT OUT BY A WRECKER BECAUSE IT HAD NO DRIVE SHAFT
	18:00 - 22:30	4.50	LOG	1	FINALLY FINISH LOGGING OPEN HOLE
	22:30 - 23:30	1.00	LOG	1	RIG DOWN LOGGING EQUIPMENT - USE FORLIFT AND PULL LOGGING

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/18/2007	22:30 - 23:30	1.00	LOG	1	TRUCK TO OTHER LOCATION SO WE HAVE ROOM FOR LAY DOWN TRUCK IF WRECKER DOESNT MAKE IT
	23:30 - 01:00	1.50	BOP	1	PULL WEAR BUSHING - HAD TO WASH OUT BEFORE IT WOULD COME OUT
	01:00 - 01:30	0.50	TRP	1	PICK UP AND INSTALL BIT AND BIT SUB
	01:30 - 02:30	1.00	TRP	2	TRIP IN BHA AND FILL - CHECK FLOAT - CIRC. FOR FIVE MIN.
	02:30 - 03:00	0.50	BOP	1	INSTALL RT. HEAD
	03:00 - 06:00	3.00	TRP	2	TRIP INTO HOLE SLOWLY FILLING EVERY 20 STANDS - TOTAL LOSSES FOR TRIP AND LOGS ARE 75 BBLS
6/19/2007	06:00 - 07:00	1.00	TRP	2	FINISH TRIP TO LAST THREE STANDS - HOLE PRETTY SMOOTH
	07:00 - 07:30	0.50	REAM	1	SAFETY WASH AND REAM LAST THREE STANDS TO BOTTOM
	07:30 - 11:00	3.50	CIRC	1	CIRCULATE AND CONDITION FOR TRIP OUT -
	11:00 - 15:00	4.00	TRP	2	TRIP OUT OF HOLE LOW-LOW - HOLE FILL13 BBLS OVER CALC.
	15:00 - 15:30	0.50	BOP	1	PULL RT. HEAD
	15:30 - 16:30	1.00	TRP	2	FINISH TRIP OUT TO 8" COLLARS
	16:30 - 18:00	1.50	TRP	1	LD 8" DC'S AND BREAK BIT
	18:00 - 19:00	1.00	CSG	1	RIG UP CASING CREW AND EQUIPMENT
	19:00 - 06:00	11.00	CSG	2	RUN CASING IN TO HOLE -DIFFERANTIAL FILL QUIT AT 3600' - FILLING EVERY 1000' AND CIRCULATE UNTIL 6700' WHERE WE ARE FILLING AND CIRC. EVERY 500' - 53 BBLS LOST SO FAR
6/20/2007	06:00 - 08:30	2.50	CSG	2	RUN CASING TO BOTTOM - WASH LAST THREE TO HANGER - OK
	08:30 - 13:30	5.00	CIRC	1	CIRCULATE AND CONDITION MUD WHILE CEMENTERS RIG UP - REDUCE MUD WT. TO 9.5 AND SHAKE OUT LCM
	13:30 - 15:30	2.00	BOP	1	INSTALL PACK OFF AND CEMENT ISOLATION TOOLS - TEST TO 10,000 PSI - OK
	15:30 - 18:00	2.50	CMT	2	HOLD SAFETY MEETING - PRESSURE TEST LINES AND CEMENT
	18:00 - 20:00	2.00	CMT	2	FINISH CEMENTING - DID NOT BUMP PLUG - FLOAT HELD - HAD FULL RETURNS UP TO THE LAST 87 BBLS OF DISPLACEMENT AND RETURNS LOWERED TO 50 TO 75% - MAXIMUM PSI = 1050 - PUMP 75 SKS CAP CEMENT WITH A 56 PSI HIGH
	20:00 - 22:30	2.50	CMT	1	RIG DOWN CEMENTERS
	22:30 - 23:30	1.00	BOP	1	RIG DOWN LANDING JOINT AND CEMENT ISOLATION TOOL
	23:30 - 06:00	6.50	BOP	2	RIG UP AND START TESTING BOP'S - HAD TO MAKE NEW ORING FOR TEST PLUG AS IT LEAKED ONE TIME - CHECK TOP DRIVE SLIDES WHILE TESTING - OK - CHECKED ALL NUTS AND BOLTS - OK -
6/21/2007	06:00 - 09:00	3.00	BOP	2	PRESSURE TEST BOP, TESTED MANIFOLD & KILL LINE VALVES TO 5000# HI, 250# LOW, CSG- 1600# (TEST PLUG LEAKING)
	09:00 - 10:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE (WAIT ON ANOTHER TEST PLUG)
	10:00 - 11:30	1.50	BOP	2	PRESSURE TEST TOP PIPE RAMS & BOTTOM PIPE RAMS TO 5000# HI, 250# LOW, ANNULAR- 2500# HI, 250# LOW
	11:30 - 12:00	0.50	BOP	2	INSTALL WEAR BUSHING
	12:00 - 13:00	1.00	BOP	2	FUNCTION TEST ACCUMALATOR- OK
	13:00 - 16:00	3.00	TRP	1	STRAP & PICK UP NEW BHA
	16:00 - 18:00	2.00	TRP	2	TRIP IN BHA
	18:00 - 23:00	5.00	TRP	2	TRIP IN, BREAK CIRC AFTER BHA THEN EVERY 3000', INSTALLED ROT. HEAD
	23:00 - 01:30	2.50	DRL	4	DRILL CEMENT & FLOAT EQUIPMENT (TAGGED CEMENT @ 7,890')
	01:30 - 02:30	1.00	DRL	1	DRILL F/ 8,140'-8,150'
	02:30 - 03:30	1.00	EQT	2	CIRC & FIT TO 13.5 EQUIVILENT- OK
	03:30 - 06:00	2.50	DRL	1	DRILL F/ 8,150'-8,182', WOB- 10-15K, RPM- 112 COMBINED, GPM- 450, MW- 9.6, VIS- 42, BG GAS- 6u, NO LOSSES
6/22/2007	06:00 - 11:30	5.50	DRL	1	DRILL F/ 8,182'-8,247', WOB- 15-18K, RPM- 118 COMBINED, GPM- 450, MW- 9.5, VIS- 40, BG GAS- 10u, STARTED SEEPING 5-8 BBLS/HR, PUMPING 10 BBL BIT BALLING SWEEPS WITH 12% LCM HOURLY FOR LOSSES & ROP.
	11:30 - 12:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & COM

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/22/2007	12:30 - 18:00	5.50	DRL	1	DRILL F/ 8,247'-8,317', DRLG WITH SAME PARAMETERS, MW & VIS, SEEPING 8 BBLS/HR, PUMPING BIT BALLING SWEEPS WITH 10% LCM FOR LOSSES & ROP
	18:00 - 06:00	12.00	DRL	1	DRILL F/ 8,317'-8,517', WOB- 15-20K, RPM- 120 COMBINED, GPM- 470, MW- 9.4, VIS- 42, BG GAS- 18u, LOSING 10-12 BBLS/HR, PUMPING BIT BALLING SWEEPS WITH 10% LCM EVERY 1/2 HR, PLAN TO BYPASS SHAKERS TODAY & RAISE LCM & RAISE LCM CONTENT TO 10%.
6/23/2007	06:00 - 14:00	8.00	DRL	1	DRILL F/ 8,517'-8,680', WOB- 15-20K, RPM- 120 COMBINED, GPM- 470, MW- 9.4, VIS- 42, BG GAS- 10u, SEEPING 4 BBLS/HR, BYPASSED SHAKERS @ 8,540', LCM- 8%, PUMPING 10 BBL BIT BALLING EVERY 1/2 HR
	14:00 - 15:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS & COM
	15:00 - 18:00	3.00	DRL	1	DRILL F/ 8,680'-8,717', DRLG WITH SAME PARAMETERS, MW & VIS, LCM- 8-10%, SEEPING 2 BBLS/HR, PUMPING 10 BBL BIT BALLING SWEEPS AS NEEDED. BG GAS- 10u
	18:00 - 06:00	12.00	DRL	1	DRILL F/ 8,717'-8,877', WOB- 15-20K, RPM- 120 COMBINED, GPM- 470, MW- 9.4, VIS- 44, LCM- 10%, BG GAS- 15u, NO LOSSES, PUMPING BIT BALLING SWEEPS AS NEEDED, NEW MESAVERDE TOP- 8,950'
6/24/2007	06:00 - 17:00	11.00	DRL	1	DRILL F/ 8,877'-9,046', WOB- 18-22K, RPM- 120 COMBINED,GPM- 470, MW- 9.4, VIS- 42, SHAKERS BYPASSED, LCM- 8%, NO LOSSES, BG GAS- 20u. PUMPING 10 BBL LCM SWEEPS HOURLY TO MAINTAIN 8-10% LCM.
	17:00 - 18:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION BOTTOM PIPE RAMS & COM
	18:00 - 06:00	12.00	DRL	1	DRILL F/ 9,046'-9,180', WOB- 18-20K, RPM- 120 COMBINED, GPM- 470, MW- 9.4, VIS- 40, SHAKERS BYPASSED LCM- 8%, BG GAS- 50u, CONN GAS- 480u, NO LOSSES, PUMPING 10 BBL BIT BALLING & LCM SWEEPS HOURLY
6/25/2007	06:00 - 07:00	1.00	DRL	1	DRILL F/ 9,180'-9,195', WOB- 18-20K, RPM- 120 COMBINED, GPM- 470, MW- 9.4, VIS- 42, LCM- 8%, NO LOSSES, BG GAS- 50u,
	07:00 - 08:00	1.00	SUR	1	DROP SURVEY & PUMP PILL
	08:00 - 13:00	5.00	TRP	10	TRIP OUT F/ BIT #9
	13:00 - 14:00	1.00	TRP	1	CHANGE OUT MUD MOTOR & BIT, FUNCTIONED BLIND RAMS
	14:00 - 15:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE
	15:00 - 16:00	1.00	RIG	2	REPAIR OIL LEAKS ON TOP DRIVE
	16:00 - 19:00	3.00	TRP	10	TRIP IN, BREAK CIRC. AFTER BHA, THEN EVERY 2,000'
	19:00 - 20:00	1.00	RIG	2	TIGHTEN BOLTS ON TORQUE TUBE & FIX ANOTHER LEAK ON TOP DRIVE
	20:00 - 22:30	2.50	TRP	10	TRIP IN TO CSG SHOE, INSTALL ROT. HEAD, BREAK CIRC. EVERY 2,000'
	22:30 - 00:00	1.50	RIG	6	CUT DRLG LINE
	00:00 - 00:30	0.50	TRP	10	TRIP IN TO 8,400' & JAR LOOSE FROM TIGHT SPOT
	00:30 - 06:00	5.50	REAM	1	WASH & REAM F/ 8,400'-9,140', WOB- 5-10K, RPM- 105 COMBINED, GPM- 428, MW- 9.45, VIS- 42, LCM- 8%, NO LOSSES, BG GAS- 15u, CONN GAS- 150u
6/26/2007	06:00 - 06:30	0.50	REAM	1	REAM FROM 9150 TO 9160
	06:30 - 08:00	1.50	FISH	3	JAR LOOSE STUCK PIPE AT 9160 AND WORK TIGHT HOLE
	08:00 - 09:30	1.50	REAM	1	ATTEMPT TO REAM TO BOTTOM GAINED 500 POUNDS OFF BTM PRESS. AFTER JARRING (SUSPECT MOTOR FAILURE WHEN JARRING PIPE)
	09:30 - 11:30	2.00	CIRC	1	CIRC., MIX & PUMP TRIP SLUG
	11:30 - 16:00	4.50	TRP	13	TRIP OUT OF HOLE TO CHECK MOTOR (HOLE FILL 10 BBLS OVER CALCULATED)
	16:00 - 17:00	1.00	TRP	1	CHANGE OUT MUD MOTOR (STATOR FAILURE)
	17:00 - 18:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTIONED BLIND RAMS
	18:00 - 23:00	5.00	TRP	13	MAKE UP BIT & TRIP IN HOLE, BREAK CIRCULATION AFTER BHA AND THEN EVERY 2000FT
	23:00 - 23:30	0.50	TRP	13	INSTALL ROT. HEAD
	23:30 - 01:30	2.00	REAM	1	WASH & REAM F/ 9,020'-9,195'
	01:30 - 06:00	4.50	DRL	1	DRILL F/ 9,195'-9,295', WOB- 10-15K, RPM- 120 COMBINED, GPM- 470, MW- 9.7, VIS- 46, LCM- 8%, NO LOSSES, BG GAS- 20u

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/27/2007	06:00 - 15:00	9.00	DRL	1	DRILL F/ 9295'- 9517', WOB- 8-12K, RPM- 120 COMBINED, GPM- 470, STARTED SHAKING OUT LCM @ 9365' DUE TO EXCESSIVE RUBBER IN MUD, MW- 9.7, VIS- 45, BG GAS- 25, NO LOSSES
	15:00 - 16:00	1.00	DRL	1	LUBRICATE RIG / TOP DRIVE, FUNCTION ANNULAR & COM
	16:00 - 18:00	2.00	DRL	1	DRILL FROM 9517'- 9566', DRLG WITH SAME PARAMETERS, MW & VIS, SHAKING OUT LCM, NO LOSSES.PUMPING 10 BBL BIT BALLING SWEEPS WITH 10% LCM AS NEEDED.
	18:00 - 06:00	12.00	DRL	1	DRILL F/ 9566'-9755', WOB- 10-15K, RPM- 120 COMBINED, GPM- 470, MW- 9.7, VIS- 44, BG GAS- 50u, CONN GAS- 700u, NO LOSSES, PUMPING 10 BBL BIT BALLING SWEEPS AS NEEDED.
6/28/2007	06:00 - 12:00	6.00	DRL	1	DRILL F/ 9755'-9865', WOB- 10-20K, RPM- 120 COMBINED, GPM- 470, MW- 9.8, VIS- 41, BG GAS- 250u, CONN GAS- 1000u, NO LOSSES, PUMPING 10 BBL BIT BALLING SWEEPS ONCE AN HOUR.
	12:00 - 13:00	1.00	DRL	1	LUBRICATE RIG & TOP DRIVE, FUNCTION HCR & COM
	13:00 - 06:00	17.00	DRL	1	DRILL F/ 9865'-10124', WOB- 10-20K, RPM- 120 COMBINED, GPM- 470, MW- 9.7, VIS- 42, BG GAS- 100u
6/29/2007	06:00 - 08:30	2.50	DRL	1	DRILL F/ 10124' to 10165', WOB- 15-20K, RPM- 120 COMBINED, GPM- 470, MW- 9.7, VIS- 42, BG GAS- 50u, CONN GAS- 100u, NO LOSSES, PUMPING BIT BALLING SWEEPS AS NEEDED.
	08:30 - 09:30	1.00	DRL	1	LUBRICATE RIG & TOP DRIVE
	09:30 - 19:00	9.50	DRL	1	DRILL F/ 10165'-10289, DRLG WITH SAME PARAMETERS, MW & VIS, NO LOSSES, PUMPING BIT BALLING SWEEPS AS NEEDED
	19:00 - 19:30	0.50	RIG	2	TOP DRIVE MOTOR OVER HEATED,CLEAN OUT RADIATOR ON TOP DRIVE MOTOR
	19:30 - 05:00	9.50	DRL	1	DRILL F/ 10289' to 10375', WOB- 10-24K, RPM- 120 COMBINED, GPM- 470, MW- 9.7, VIS- 42, BG GAS- 50u, CONN GAS- 100u, NO LOSSES, PUMPING BIT BALLING SWEEPS AS NEEDED.
	05:00 - 05:30	0.50	SUR	1	DROP SURVEY
	05:30 - 06:00	0.50	TRP	10	PUMP PILL AND TRIP OUT FOR BIT #10
6/30/2007	06:00 - 10:30	4.50	TRP	10	TRIP OUT F/ BIT #10 (HOLE FILL 22 BBLS OVER CALCULATED)
	10:30 - 12:00	1.50	TRP	1	FUNCTION BLIND RAMS, BREAK BIT, LAY DOWN MUD MOTOR & PICK UP NEW MUD MOTOR
	12:00 - 16:00	4.00	TRP	10	MAKE UP NEW BIT & TRIP IN TO CSG SHOE @ 8125', BREAK CIRC. EVERY 3000'
	16:00 - 17:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE
	17:00 - 18:30	1.50	RIG	2	REPLACE PRESSURE RELIEF VALVE ON TOP DRIVE
	18:30 - 20:00	1.50	TRP	10	TRIP IN SLOWLY
	20:00 - 21:00	1.00	REAM	1	WASH 200' TO BOTTOM, 5' OF FILL
	21:00 - 06:00	9.00	DRL	1	DRILL F/ 10375'-10520' , WOB, 12-18K, RPM- 125 COMBINED, GPM- 470, MW-10, VIS- 45, BG GAS- 50u, CONN GAS- 130u, NO LOSSES, PUMPING 10 BBL BIT BALLING LCM SWEEPS HOURLY
7/1/2007	06:00 - 15:00	9.00	DRL	1	DRILL F/ 10510'-10635', WOB- 12-18K, RPM- 125 COMBINED, GPM- 470, MW-10, VIS- 45, SEEPING 2 BBLS/HR, PUMPING 10 BBL SWEEPS WITH 10% LCM HOURLY, BG GAS- 330u, CONN GAS- 1880u, VENTING THRU BUSTER, NO FLARES
	15:00 - 16:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS & COM
	16:00 - 06:00	14.00	DRL	1	DRILL F/ 10635'-10905', WOB- 12-18K, RPM- 125 COMBINED, GPM- 470, MW-10.3, VIS- 44, BG GAS- 380u, CONN GAS- 1360u, VENTING THRU BUSTER, NO FLARES, SEEPING 4 BBLS/HR, PUMPING 10 BBL SWEEPS WITH 10% LCM HOURLY.
7/2/2007	06:00 - 16:00	10.00	DRL	1	DRILL F/ 10905'-11060', WOB- 12-18K, RPM- 125 COMBINED, GPM- 470, MW-10.4, VIS- 44, BG GAS- 900u, CONN GAS- 1850u, VENTING THRU BUSTER, 5-15' CONN FLARES, SEEPING 1-2 BBLS/HR, PUMPING 10 BBL LCM SWEEPS

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/2/2007	06:00 - 16:00	10.00	DRL	1	HOURLY.
	16:00 - 17:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION HCR VALVE & COM
	17:00 - 06:00	13.00	DRL	1	DRILL F/ 11060'-11325', WOB- 15-20K, RPM- 120 COMBINED, GPM- 470, MW- 10.55, VIS- 43, BG GAS- 550u THRU BUSTER W/ 3-5' FLARE, CONN GAS- 2450u WITH 10-15' FLARE, SEEPING 2 BBLS/ HR, PUMPING 10 BBL SWEEPS WITH 10% LCM HOURLY, RUNNING ALL SOLIDS CONTROL EQUIP.

CONFIDENTIAL

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

43-047-34902

Spud Date: 4/21/2007
Rig Release: 8/8/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/21/2007	06:00 - 05:30	23.50	DRL	1	RIG UP AND DRILL 540' OF 17.5" HOLE FOR SURFACE - RUN 513.95' OF 13 3/8 CASING - CEMENT CASING WITH 50% EXCESS - 19.5 BBLS CEMENT RETURNS - FLOAT HELD - RIG DOWN AND LEAVE LOCATION
5/6/2007	06:00 - 18:00	12.00	LOC	4	RIG DOWN F/ TRUCKS- RIGGED DOWN TOP DRIVE, GAS BUSTER, FLARE LINES, STARTED RIGGING DOWN FLOOR TO LAY OVER DERRICK, RIGGED DOWN & MOVED HOUSES TO NEW LOCATION, MOVED 9 LOADS & 3 LOADS OF MUD PRODUCT TO NEW LOCATION, HAD 3 HAUL TRUCKS, 1 BED TRUCK & A FORKLIFT, CRANE RIGGED UP & STARTED AT 2 PM.
	18:00 - 06:00	12.00	LOC	4	WAIT ON DAYLIGHT
5/7/2007	06:00 - 18:00	12.00	LOC	4	RIG DOWN FOR TRUCKS- RIGGED DOWN FLOOR, LAYED OVER DERRICK, RIGGED DOWN ALL SOLIDS CONTROL EQUIP. & POWER CORDS, RIG IS READY FOR TRUCKS, HAULED 4" DRILL STRING & MISCELLANEOUS EQUIPMENT TO NEW LOCATION, 13 LOADS TOTAL. CRANE BROKE DOWN AT 3PM (HYDRAULIC HOSE TO OUTRIGGER, REPAIRS HAVE BEEN MADE), HAD 3 HAUL TRUCKS, 1 BED TRUCK & A FORKLIFT, VERY MUUDY CONDITIONS. RIG IS READY TO MOVE.WILL HAVE 10 TRUCKS MOVING RIG.
	18:00 - 06:00	12.00	LOC	4	WAIT ON DAYLIGHT
5/8/2007	06:00 - 18:00	12.00	LOC	3	HELD SAFETY MEETING - 10 TRUCKS TODAY - HAD GOOD DAY -OLD LOCATION SHOULD BE CLEARED OFF BY AROUND NOON ON TUESDAY - WELDERS WILL FINISH HOPPER SYSTEM FOR PREMIX ON TUESDAY - WILL SET MATS AND SUBS WHEN THEY SHOW UP - HOPEFULLY FITTINGS AND VALVES SHOW UP TOMMORRO FROM TEXAS FOR FLOW LINE AND BUSTER LINES
	18:00 - 06:00	12.00	LOC	3	WAIT ON DAY LIGHTS
5/9/2007	06:00 - 18:00	12.00	LOC	3	MOVED RIG OFF OF OLD LOCATION AND SET NIGHT CAP ON WELL - USED CAT TO DO SOME DIRT WORK TO GET BOTTOM HALF OF DERRICK OUT - SET MATS AND SUBS - SET BOP IN PLACE -
	18:00 - 06:00	12.00	LOC	3	WAIT ON DAY LIGHTS
5/10/2007	06:00 - 18:00	12.00	LOC	4	FINISH SETTING UP SUBS - SET IN FLOOR AND DRAWWORKS - PUT DERRICK TOGETHER AND SET ON FLOOR - SET DOG HOUSES - SET CHOKE HOUSE AND MUD TANKS50% OF BACK END SET IN - 75% OF SOLIDS CONTROL SET IN - BIG CRANE AND TRUCKS GONE ON THURSDAY - WELDERS WORKING ON NEW BUSTER (VENT LINE-BUSTER DISCHARGE-VALVE ASSEMBLY-) WELDER PUTTING IN VALVES ON DISCHARGE OF HOPPER PUMPS - WELDER WORKING ON AGITATORS(REPAIRING BROKEN BLADES-LOWERINGBLADES-AND REPAIRING FAILED COUPLERS) - LAST WELL HAD 3250 PSI - BLEED OFF INSTANTLY - NO VOLUME - JUST GAS BREAKING FROM MUD
5/11/2007	06:00 - 18:00	12.00	LOC	4	FINISH SETTING BACK IN - SET BAR HOPPERS AND NEW STANDS - HOOK UP ALL SOLIDS CONTROL - TRUCKS AND CRANES GONE - WELDERS WORKING ON CHOKE LINES - BUSTER LINES - VENT LINE - WELDERS DOING GOOD - JUST ALOT TO DO - ANOTHER WELDER SHOWING UP TODAY - STRING DERRICK UP - STEAM DERRICK OFF - START HOOKING UP ELECTRICAL- UNIT DONE WITH WELDING REPAIRS EXCEPT FOR ADGITATORS
	18:00 - 06:00	12.00	LOC	4	WAIT ON DAY LIGHTS
5/12/2007	06:00 - 18:00	12.00	LOC	4	FINISH HOOKING UP DIESEL AND ELECTRICAL LINES - FINISH STRINING UP DERRICK - RAISE DERRICK AND START RIGGING UO FLOOR - WELDER IS ALMOST FINISHED WITH MUD ADGITATORS - WET HOPPER IS NOW HOOKED UP - STARTED SETTING UP PUMPS AND MUD TANKS - WELDERS CLOSE TO 70% DONE ON FAB. AND WELDS ON NEW 10" VENT LINE AND BUSTER DISCHARGE TO SHAKERS - FINISHED WALKWAY EXTENTION OVER BUSTER LINES FROM SHAKER TANK - STARTED ON LANDING AND RAILING

Printed: 9/4/2007 2:18:46 PM

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release: 8/8/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/12/2007	06:00 - 18:00	12.00	LOC	4	AROUND NEW BUSTER - NEW FLARE LINES 50% SET UP - FLARE BOX SHOWED UP - WILL TAKE A DAY TO GET IT READY FOR LINES AND FLARE IGNITOR - UNIT HAS HAD A FEW BABBLES IN SAFETYAS FAS AS HANDS BUT HAVE DONE VERY WELL RIGGING UP DERRICK - WELDERS ARE DOING GREAT - AFTER SENDING ONE WELDER HOME ON MONDAY THEY ARE PUTTING IN VERY GOOD PRODUCTIVE DAYS - RIG UP CREW FOR TOP DRIVE WILL BE HERE SATURDAY MORNING. IT HAS BEEN A LONG TIME SINCE I HAVE SEEN THIS MUCH WORK DONE ON THIS TIME FRAME - TOOL PUSHER DOING GOOD ON PLANNING REPAIRS AND ADDING SAFETY EQUIPMENT HOOK-UPS.
	18:00 - 06:00	12.00	LOC	4	COULD BREAK TOUR ON SATURDAY - WAIT ON DAY LIGHTS
5/13/2007	06:00 - 19:00	13.00	LOC	4	ALL ELECTRIC HOOKED UP - ELECTRICIAN FINISHED REPAIRS - FLARE BOX SET - BUSTER RETURN TO SHAKERS SET IN WITH CRANE AND FINISHED - MUD PITS ARE READY - MUD PRODUCTS AND BAR UNLOADED - TORQUE ALL BOP CONNECTIONS - HAD TO RE LIFT HYDRILL AS TWO STUDS WOULD NOT TORQUE UP - BRIDAL BACK - TOP DRIVE SET ON CAT WALK READY FOR LIFT - SWIVEL SET ON FLOOR - WORK ON FLOW LINE - ALL PARTS FOR KOOMEY HERE EXCEPT CROSS HEAD(SUPPOSELY ON THE WAY) - S PIPE SHOWED UP FROM UNIT 236
	19:00 - 06:00	11.00	LOC	4	WAIT ON DAYLIGHTS
5/14/2007	06:00 - 18:00	12.00	LOC	4	BROKE TOURS TODAY SO WE THIN ON EXTRA HELPERS - BOLTS FOR NEW VALVES ARE WRONG THREAD COUNT SO WE WELDED HEAVY STRAP TO EACH FLANGE SO WE COULD FINISH VENT LINE FROM RT. HEAD TO BUSTER - CORRECT BOLTS SHOULD BE HERE MONDAY MORNING. DAY TANK HOOKED UP - FILLED - AND GOT WATER CIRCULATING - FLOW LINE WILL BE FINISHED MONDAY NIGHT - UNIT STILL HAS WELDERS WORKING IN TANKS REPAIRING ADGITATORS ECT. - ONE WELDER BURNED MOTOR UP - WILL HAVE IT CHANGED OUT AND BACK TOMORROW
	18:00 - 19:30	1.50	LOC	4	FINISH BOLTING UP FLANGES ON VENT LINE TO BUSTER AND ON BUSTER DRAIN -
	19:30 - 06:00	10.50	LOC	4	START RIGGING UP TOP DRIVE - HAD A HARD TIME WITH TOP DRIVE TRACK - SCREWING SWIVEL INTO TOP DRIVE AT 0500
5/15/2007	06:00 - 18:00	12.00	LOC	4	FINISHED RIGGING UP TOP DRIVE - TEST - SET TORQUE VALUES - FLOW LINE DONE EXCEPT FOR INSTALLING CORRECT BOLTS IN DIVERTOR VALVES WHICH WE WILL HAVE IN TUESDAY MORNING - ALL CHOKE LINES DONE - FLARE LINES NEED ONE PIECE FOR PANIC LINE AND THEN WELD TWO UNIONS TO HOOK UP FLARE BOX SO WE CAN INSTALL FLARE IGNITOR.INSTALLED NEW HOPPER PUMP - HOOKED UP YELLOW DOG AND NOW CIRCULATING SYSTEM
	18:00 - 06:00	12.00	LOC	4	UNIT SAFETY HAND SHOWED UP SO WE HAD 4 TO 5 HOURS PLAYING CATCH UP ON POTENTAL HAZARDS(HOUSE KEEPING-GROUND RODS-SAFETY PAPER WORK-SAFETY PINS-WHIP CHECKS) - FINISHED INSTALLING NEW VALVE AND DRESSER SLEEVE ASSEMBLY IN FLOW LINE SHAKER MANIFOLD. WE HAVE BEEN TOLD CROSS HEAD FOR KOOMEY PUMP HAD BEEN SENT BUT HAS NOT SHOWED UP IN CASPER - TP SAID HE THOUGHT THEY MIGHT PUT IN NEW CAT PUMP FOR REPLACEMENT - TP. GOING TO HAVE KOOMEY HAND TO PUT OTHER PARTS ON KOOMEY SYSTEM AND TEST AND FILL BOTTLES PLUS CHARGE UP PUMP BLADDERS
5/16/2007	06:00 - 08:00	2.00	LOC	4	TWO WELDERS RELEASED THIS EVENING - WE WILL HAVE 2 FOR ONE MORE DAY AND UNIT WILL HAVE ONE FOR 3 MORE DAYS - HIGH PRESSURE RT. RIGGED UP.- CHOKELINES-FLARE LINES AND FLARE BOX DONE - FLARE SET UP -
	08:00 - 18:00	10.00	LOC	4	QUIT RIGGING UP TO TAKE CARE OF SAFETY ISSUES - UNIT SAFETY HAND

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release: 8/8/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/16/2007	08:00 - 18:00	10.00	LOC	4	ON LOCATION ALL DAY - WELDER IN DERRICK BOARD FOR 3 HOURS - REPAIR KOOMEY HOSE LEAKS - CHANGE OUT TUGGER LINE - RIG UP SAFETY PIN CLIPS FOR BUSTER STAND
	18:00 - 04:00	10.00	LOC	4	CHANGE OUT ALL SWABS AND REPAIR ALL BAD SEATS AND VALVES IN BOTH PUMPS (WELDER HAD 2 HOURS WORKING ON SEAT)-CHANGE OUT TOP PIPE RAMS - INSTALL MAN HOLE COVER ON BUSTER - INSTALL CIRCULATING BOX ON BOTTOM OF LOW SPEED CENT. - HOOK UP BRAKE COOLING LINES - ADGITATORD COUPLERS ALL DONE EXCEPT FOR A COUPLE OF BOTTOM SHAFT HOLDERS WHICH WILL BE DONE WED. MORNING
	04:00 - 06:00	2.00	LOC	4	FINISH SAFETY ITEMS - COLOR CODE AIR HOISTS ON FLOOR - INSTALL CELLAR COVERS - INSTALL TOGGLE SWITCH FOR CROWN O MATIC - RIG UP LIGHTS AROUND RIG - INSTALL NEW HOOKS ON TUGGER LINES
5/17/2007	06:00 - 14:30	8.50	LOC	4	GENRAL RIG UP - HOUSE CLEANING - HELP WELDER IN MUD PITS ON ADGITATORS - FILL CELLAR WITH CEMENT
	14:30 - 18:00	3.50	BOP	2	TEST BOP'S
	18:00 - 22:00	4.00	BOP	2	TEST BOP'S - 3 TRIES TO GET INSIDE MANUAL ON KILL SIDE TO TEST -OK - 3 TIMES FOR HYDRILL TO FINALLY TESTOK - BAG DID NOT OPEN ALL THE WAY AND PULLED 126K THREW RUBBER WITH TEST PLUG
	22:00 - 22:30	0.50	EQT	1	TEST CASING TO 1500 PSI FOR 30 MIN. - OK
	22:30 - 01:00	2.50	RIG	2	TEST MUD LINES AND PUMPS TO 2000 PSI - REPAIR LEAKS
	01:00 - 06:00	5.00	LOC	4	CONTINUE HOUSE CLEANING - PUT BHA ON RACK - PUT WHIP CHECKS ON LINES - INSTALL SAFETY LINE ON DRILL LINE ROLLERS - PUT UP SUPPORT STANDS ON BUSTER LINES
5/18/2007	06:00 - 18:00	12.00	RIG	2	12 HOURS ON UNIT TIME WAITING ON KOOMEY PUMP AND TONG ARM - 28.5 TOTAL TIME ON UNIT - FROM 0100 NIGHT BEFORE TO 0530 THIS MORNING - WHILE WAITING ON PUMP UNIT DID PAINTING - CHANGE OUT KOOMEY BOTTLES - WORK ON KOOMEY HOUSE AND HOSES FOR SHORTNING UP SYSTEM - ORGANIZE PIPE ON LOCATION - HELP WELDERS WHEN NEEDED - KOOMEY PUMP SHOWED UP AT 1800 - T.P. MEET TRUCK IN TOWN AT SUPPLY STORE AND PICKED UP ALL FITTINGS NEEDED
	18:00 - 05:30	11.50	RIG	2	ON UNIT TIME - MAKING REPAIRS ON KOOMEY - REWIRE UNIT - FUNCTION ALL RAMS AND HYDRILL - DO FUNCTION TEST ON KOOMEY FOR BLM - WITNESSED BY BLM(CLIFF JOHNSON)-WILL CLEAN UP MESS AROUND UNIT WHILE DRILLING-HAD ALL KINDS OF PROBLENS ON REPAIRS WHITH CHINNESE FITTINGS AND BLEW HOLE IN ONE HYDRAULIC HOSE - HAD UNIT PAY TESTER TRUCK
	05:30 - 06:00	0.50	BOP	1	PICK UP DRILL PIPE FOR SETTING WEAR BUSHING - DRAIN STACK FOR VISUAL
5/19/2007	06:00 - 07:00	1.00	BOP	1	INSTALL WEAR BUSHING
	07:00 - 14:30	7.50	TRP	1	PICK UP 9 5/8 SQUARE MUD MOTOR - SHOTEN SLIP SECTION AND ADD SECTIONS ON COLLAR CLAMP TO INSTALL - DO OPPISITE AFTER GETTING MOTOR INTO HOLE - PICK UP 8" AND CONTINUE THREW 6.5 AND TO HWDP - ALL FLOOR HANDS HAVE GREEN HARDHATS
	14:30 - 15:00	0.50	BOP	1	INSTALL RT HEAD - CHECK OILER OK
	15:00 - 16:00	1.00	RIG	2	HOOK UP AUTO DRILLER CORRECTLY - TEST - OK
	16:00 - 18:00	2.00	RIG	2	REPAIR PASON UNIT IN DOG HOUSE - START CIRCULATING NEW EQUIPMENT WILL REPAIRS ARE BEING DONE
	18:00 - 19:30	1.50	CIRC	1	FINISH CIRCULATING ALL EQUIPMENT AND REPAIR SMALL LEAK ON PANIC LINE AND A SMALL ONE ON VENT LINE
	19:30 - 20:30	1.00	DRL	4	DRILL CEMENT AND FLOAT EQUIPMENT - DID FIND SHOE AT 514.5 - DRILLED TO 522'
	20:30 - 21:00	0.50	CIRC	1	CIRCULATE BOTTOMS UP FOR FIT

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release: 8/8/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/19/2007	21:00 - 21:30	0.50	EQT	2	FIT - MUD EQUIVLENT = 10.5 - HELD - OK
	21:30 - 22:00	0.50	DRL	1	DRILL FROM 522 TO 577
	22:00 - 23:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	23:00 - 06:00	7.00	DRL	1	DRILL FROM 577 TO 1039 OF 12.250 HOLE - PASON COMING BACK OUT TO DO REPAIRS ON ROP AUTO - WT. ON BIT
5/20/2007	06:00 - 11:30	5.50	DRL	1	DRILL FROM 1039 TO 1161 - REAM EACH CONNECTION - HOLE SMOOTH
	11:30 - 12:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	12:30 - 18:00	5.50	DRL	1	DRILL FROM 1161 TO 1284 - DAYLIGHTS DRILLER VERY GREEN - !!!!!!!!!!????
	18:00 - 23:30	5.50	DRL	1	DRILL FROM 1284 TO 1561
	23:30 - 00:00	0.50	CIRC	1	CIRCULATE BOTTOMS UP FOR SURVEY - 20 BBL SWEEP
	00:00 - 00:30	0.50	SUR	1	SURVEY - DEPTH = 1464 - .9 - 339.0
	00:30 - 06:00	5.50	DRL	1	DRILL FROM 1561 TO 1836 - TORQUE AND RT. GETTING SMOOTHER - HOLE IN GOOD SHAPE - STILL SWEEPING HOLE AND REAMING EACH CONNECTION
5/21/2007	06:00 - 07:30	1.50	DRL	1	DRILL FROM 1836 TO 1900
	07:30 - 08:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	08:30 - 10:30	2.00	RIG	2	REPAIR PUMPS - SOMETHING IN SUCTION LINES
	10:30 - 18:00	7.50	DRL	1	DRILL FROM 1900 TO 2150
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 2150 TO 2453 - HOLE IN GOOD SHAPE - MW. 8.5 TO 8.7 - SWEEPS WORKING WELL - EXTRA GALLONS WORKING WELL TO. BIT SLOWING IN GREEN RIVER TRANSISION
5/22/2007	06:00 - 10:00	4.00	DRL	1	DRILL FROM 2453 TO 2465 - CAN GET TO PICK UP - NO TORQUE ECT. WITH DIFFERANT PERAMATERS
	10:00 - 10:30	0.50	CIRC	1	CIRCULATE BOTTOMS UP FOR TRIP OUT - 20 BBL SWEEP
	10:30 - 11:00	0.50	SUR	1	SURVEY - DEPTH= 2400 - 1.4 - 290.1
	11:00 - 14:00	3.00	TRP	10	TRIP OUT - NO DERRICK HAND - 2 HANDS SHORT - TP HELPING IN DERRICKS
	14:00 - 15:30	1.50	TRP	1	HANDLE BHA - LD IBS-JARS-BIT AND PICK UP SAME
	15:30 - 18:00	2.50	TRP	2	TRIP INTO HOLE SHORT HANDED -
	18:00 - 19:00	1.00	TRP	2	TRIP INTO HOLE SLOWLY - HOLE OK
	19:00 - 19:30	0.50	REAM	1	SAFETY REAM 30' TO BOTTOM
	19:30 - 03:00	7.50	DRL	1	DRILL FROM 2465 TO 2516 - BIT WILL NOT PICK UP AND DRILL
	03:00 - 04:00	1.00	DRL	1	WORK BIT WITH COMPLETE DIFFERANT PERAMATERS - PUMP SWEEPS - NO HELP
	04:00 - 05:30	1.50	CIRC	1	CIRCULATE BOTTOMS UP WHILE MIXING PILL - HAVING PROBLEMS MIXING PILL
	05:30 - 06:00	0.50	TRP	10	TRIP OUT BIT #2
5/23/2007	06:00 - 08:00	2.00	TRP	10	FINISH TRIP OUT FOR BIT
	08:00 - 08:30	0.50	BOP	1	PULL RT. HEAD
	08:30 - 09:00	0.50	TRP	1	SWAP OUT BIT - CLEAN FLOOR FOR GOING TO BOTTOM
	09:00 - 11:30	2.50	TRP	2	TRIP TO BOTTOM - HOLE CLEAN
	11:30 - 18:00	6.50	DRL	1	DRILL FROM 2516 TO 2586 - HIGH TORQUE - KEEP CHANGING PERAMATERS TRYING TO GET BIT TO DRILL
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 2586 TO 2670 - ROUGH DRILLING - PREPARING FOR POSSIBLE TRIP
5/24/2007	06:00 - 13:00	7.00	DRL	1	DRILL F/ 2,670'-2,731', WOB- 15-20K, RPM- 195-230 COMBINED, TORQ- 1500-2500 PSI, GPM- 770-857 (INCREASED SURFACE RPM FROM 45 TO 100 TO SMOOTH OUT TORQUE & STICK SLIPPING. MW- 8.6, VIS- 34, INCREASED PIT WATER TO LOWER VIS.
	13:00 - 14:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & COM
	14:00 - 18:00	4.00	DRL	1	DRILL F/ 2,731'-2,780', WOB- 18-20K, RPM- 230 COMBINED, TORQ.- 1800-2100 PSI, GPM- 814, MW- 8.6, VIS- 32, BG GAS- 100u, CONN GAS- 165u, PICKED UP TRACE OF TRONA WATER @ 2750'

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release: 8/8/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/24/2007	18:00 - 06:00	12.00	DRL	1	DRILL F/ 2,780'-2,920', WOB- 18-22K, RPM- 235 COMBINED, TORQ.- 1600-1800 PSI, GPM- 857, MW- 8.7, VIS- 30, BG GAS- 100u, CONN GAS- 140, NO FLOW ON CONNECTIONS.
5/25/2007	06:00 - 10:00	4.00	DRL	1	DRILL F/ 2,920'-2,979', WOB- 20-28K, DIFF. PRESS.- 100-250 PSI, RPM- 235 COMBINED, TORQ.- 1800-2400 PSI, GPM- 857, MW- 8.7, VIS- 29, BG GAS- 150u, CONN GAS- 375u, 1/4" TRONA WATER FLOW ON CONNECTION. PUMPING 10 BBL HI VIS SWEEPS EVERY 100' TO CLEAN HOLE.
	10:00 - 11:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS & COM
	11:00 - 18:00	7.00	DRL	1	DRILL F/ 2,979'-3,116', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS-250u, CONN GAS- 800u, 1/4" FLOW ON CONNECTIONS.
	18:00 - 19:00	1.00	RIG	2	CHANGE OFF DRILLER SWAB & LINER IN #1 PUMP
	19:00 - 23:00	4.00	DRL	1	DRILL F/ 3,116'-3,183', DRILLING WITH SAME PARAMETERS, MW & VIS, NO FLOW ON CONNECTION, PUMPING 10 BBL HI VIS SWEEPS EVERY 100'
	23:00 - 00:00	1.00	RIG	2	CHANGE MIDDLE SWAB & LINER IN #1 PUMP
	00:00 - 06:00	6.00	DRL	1	DRILL F/ 3,183'-3,244', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS-120u, CONN GAS- 450u, NO FLOW ON CONNECTION. PUMPING 10 BBL HI VIS SWEEPS EVERY 100'.
5/26/2007	06:00 - 07:00	1.00	DRL	1	DRILL F/ 3,244'-3,287', WOB- 20-28K, RPM- 235 COMBINED, TORQ.- 2000-2300 PSI, MW- 8.6, VIS- 29, BG GAS- 250u
	07:00 - 08:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNTION ANNULAR & COM
	08:00 - 13:00	5.00	DRL	1	DRILL F/ 3,287'-3,393', DRLG WITH SAME PARAMETERS, MW & VIS, 1/4" TRONA WATER FLOW ON CONNECTION, PUMPING 10 BBL HI VIS SWEEPS EVERY 100'
	13:00 - 15:00	2.00	RIG	2	CHANGED 2 SWABS & 1 VALVE IN #1 PUMP & WORKED ON LINER WASHER LINES ON BOTH PUMPS.
	15:00 - 16:00	1.00	SUR	1	CIRC. & SURVEY @ 3,393', SURVEY DEPTH- 3,343', 1 DEG, 293.6 AZ
	16:00 - 18:30	2.50	DRL	1	DRILL F/ 3,393'-3,421', DRLG WITH SAME PARAMETERS, MW & VIS, 1/4" TRONA WATER FLOW ON CONNECTION, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS AS NEEDED
	18:30 - 19:30	1.00	RIG	2	REPLACE BAD VALVE & SEAT IN #2 PUMP
	19:30 - 22:00	2.50	DRL	1	DRILL F/ 3,421'-3,442', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS-550u, PUMPED 10 BBL HI VIS BIT BALLING SWEEPS TO TRY HELP ROP
	22:00 - 23:00	1.00	CIRC	1	MIX & PUMP TRIP SLUG
	23:00 - 02:00	3.00	TRP	10	TRIP OUT F/ BIT #3
	02:00 - 04:00	2.00	TRP	1	FUNCTION BLIND RAMS, LAY DOWN SQUARE MOTOR & IBS, PICK UP HUNTING .10 STAB. MOTOR & 1/8 UNDER IBS
	04:00 - 06:00	2.00	TRP	10	MAKE UP NEW BIT & TRIP IN BHA
5/27/2007	06:00 - 08:30	2.50	TRP	10	TRIP IN, INSTALL ROT. HEAD & BREAK CIRC. @ 2,400'
	08:30 - 09:00	0.50	REAM	1	WASH 60' TO BOTTOM, 5' OF FILL
	09:00 - 10:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION BOTTOM PIPE RAMS
	10:00 - 10:30	0.50	RIG	2	#1 PUMP AIRED UP, BACK FLUSH SUCTION LINE
	10:30 - 18:00	7.50	DRL	1	DRILL F/ 3,442'-3,636', WOB- 15-20K, RPM- 160 COMBINED,TORQ.- 1200-1300 PSI, GPM- 875, MW- 8.7, VIS- 29, BG GAS- 700u, CONN GAS- 2,500u, TRIP GAS- 2,861u, PUMPING 10 BBL HI VIS SWEEPS EVERY 100', 1/4" STREAM TRONA WATER FLOW ON CONNECTIONS.
	18:00 - 20:00	2.00	DRL	1	DRILL F/ 3,636'-3,703', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS-2,800u VENTING THRU BUSTER WITH 8-15' FLARE
	20:00 - 22:00	2.00	RIG	2	TOP DRIVE REPAIR- INJECTOR LINE BROKE ON MOTOR (GOT A LINE THAT WILL WORK FROM ENSIGN 24 UNTIL RIGHT LINE SHOWS UP)
	22:00 - 06:00	8.00	DRL	1	DRILL F/ 3,703'-3,864', WOB- 18-20K, RPM- 160 COMBINED, TORQ.- 1100-1300 PSI, GPM- 875, MW- 8.7, VIS- 29, BG GAS- 2400u WITH 8-10 FLARE, CONN GAS- 4180u WITH 15' FLARE, PUMPING 10 BBL HI VIS SWEEPS EVERY 100', 1/4" TRONA WATER FLOW ON CONNECTIONS.

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release: 8/8/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/28/2007	06:00 - 07:00	1.00	DRL	1	DRILL F/ 3,864'-3,913', WOB- 18-20K, RPM- 160, TORQ.- 1200-1400 PSI, GPM- 875, MW- 8.7, VIS- 29, BG GAS- 2400 VENTING THRU BUSTER WITH 5-10' FLARE
	07:00 - 08:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS & COM
	08:00 - 19:00	11.00	DRL	1	DRILL F/ 3,913'-4,102', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS- 2,000u WITH 3-5' FLARE, CONN GAS- 2,500u WITH 6-10' FLARE, 1/4-1/2" TRONA WATER FLOW ON CONNECTIONS.
	19:00 - 20:30	1.50	RIG	2	TOP DRIVE REPAIR- TIGHTEN HYDRAULIC HOSES
	20:30 -		DRL	1	DRILL F/ 4,102'-4,260', WOB- 18-22K, RPM- 175 COMBINED, TORQ.- 1400-1700 PSI, GPM- 875, MW- 8.7, VIS- 29, BG GAS- 1800 VENTING THRU BUSTER WITH 5-8' FLARE, CONN GAS- 3500u WITH 15' FLARE, PUMPING 10 BBL HI VIS SWEEPS EVERY 100', 1/4-1/2" TRONA WATER FLOW ON CONNECTIONS
5/29/2007	06:00 - 07:00	1.00	RIG	2	TOP DRIVE MOTOR QUIT, CHANGED FUEL FILTERS & BLED INJECTOR LINES
	07:00 - 08:30	1.50	DRL	1	DRILL F/ 4,260'-4,287', WOB- 18-22K, RPM- 175 COMBINED, TORQ.- 1400-1800 PSI, MW- 8.7, VIS- 29, BG GAS- 1750 VENTING THRU BUSTER WITH 5-8' FLARE.
	08:30 - 09:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS & COM
	09:30 - 10:00	0.50	RIG	2	TIGHTEN & RESPOOL HYDRAULIC LINES ON TOP DRIVE UNIT.
	10:00 - 21:00	11.00	DRL	1	DRILL F/ 4,287'-4,474', DRLG WITH SAME PARAMEYERS, MW & VIS, BG GAS- 1,100 WITH 3-5' FLARE, CONN GAS- 2650u WITH 10-15' FLARE, 1/2" TRONA WATER FLOW ON CONNECTIONS, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS TO CLEAN HOLE & IMPROVE ROP.
	21:00 - 21:30	0.50	SUR	1	CIRCULATE & SURVEY @ 4,474', SURVEY DEPTH- 4,389- .8 DEG, 117 AZ (COULD POSSIBLY BE A MISS RUN, BOTTOM OF DP SCREEN CAME LOOSE, EXPECT TO FIND IT ON TOP OF 6 1/2" DC'S.)
	21:30 - 05:00	7.50	DRL	1	DRLG F/ 4,474'-4,643', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS- 1800u WITH 3-5' FLARE, CONN GAS- 3600u WITH 10-15' FLARE, PUMPING 10 BBL HI VIS SWEEPS EVERY 100', 1/2 TRONA WATER FLOW ON CONNECTIONS
	05:00 - 05:30	0.50	RIG	2	REPLACE SWAB IN #1 PUMP
	05:30 - 06:00	0.50	DRL	1	DRILL F/ 4,643'-4,653, DRLG WITH SAME PARAMETERS, MW & VIS
5/30/2007	06:00 - 14:00	8.00	DRL	1	DRILL F/ 4,653'-4,782', WOB- 18-22K, RPM- 175 COMBINED, TORQ.- 1400-1850 PSI, GPM- 875, MW- 8.7, VIS- 28, BG GAS- 2150 VENTING THRU BUSTER WITH 3-5' FLARE, CONN GAS- 3550 WITH 8-10' FLARE, 1/2" STREAM TRONA WATER FLOW ON CONNECTIONS. PUMPING 10 BBL HI VIS SWEEPS EVERY 100'.
	14:00 - 15:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & COM
	15:00 - 20:00	5.00	DRL	1	DRILL F/ 4,782'-4,845', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS- 2000u WITH 2-3' FLARE, CONN GAS- 3980 WITH 5-8' FLARE, 1/4-1/2" TRONA WATER FLOW ON CONNECTION. PUMPING 10 BBL VIS BIT BALLING SWEEPS AS NEEDED.
	20:00 - 21:00	1.00	RIG	2	REPLACE SWAB IN #2 PUMP
	21:00 - 06:00	9.00	DRL	1	DRILL F/ 4,845'-4,934', WOB- 18-28K, RPM- 175 COMBINED, TORQ.- 1400-1800 PSI, GPM- 875, MW- 8.8, VIS- 28, BG GAS- 2400u VENTING THRU BUSTER, NO FLARE, CONN GAS- 3400u WITH 5-8' FLARE, 1/4-1/2" TRONA WATER FLOW ON CONNECTIONS, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS AS NEEDED
5/31/2007	06:00 - 11:30	5.50	DRL	1	DRILL F/ 4,934'-4,998', WOB- 20-28K, RPM- 175 COMBINED, TORQ.- 1400-1800 PSI, GPM- 875, MW- 8.7, VIS- 28, BG GAS- 2450 VENTING THRU BUSTER, NO FLARE, CONN GAS- 3900u WITH 5-8' FLARE, 1/2" TRONA WATER FLOW ON CONNECTIONS, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS AS NEEDED.
	11:30 - 12:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION BOTTOM PIPE RAMS & COM
	12:30 - 13:00	0.50	RIG	2	REPLACE PUMP PRESSURE SENSOR F/ MATHENA CHOKE PANEL.
	13:00 - 01:30	12.50	DRL	1	DRILL F/ 4,998'-5,153', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS-

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release: 8/8/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/31/2007	13:00 - 01:30	12.50	DRL	1	1900, NO FLARE, CONN GAS- 3200u, NO FLARE, 1/2" TRONA WATER FLOW ON CONNECTION, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS AS NEEDED.
	01:30 - 02:30	1.00	RIG	2	REPLACE LINER GASKET IN #1 PUMP
	02:30 - 06:00	3.50	DRL	1	DRILL F/ 5,153'-5,200', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS- 2400u WITH NO FLARE, CONN GAS-3600u WITH NO FLARE, 1,2" TRONA WATER FLOW ON CONNECTION, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS AS NEEDED.
6/1/2007	06:00 - 14:00	8.00	DRL	1	DRILL F/ 5,200'-5,371', WOB- 22-28K, RPM- 175 COMBINED, TORQ.- 1500-1800 PSI, GPM- 875 , MW- 8.8, CIS-30, BG GAS- 1900u, CONN GAS- 300u, NO FLARE, 1/2" TRONA WATER FLOW ON CONNECTIONS, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS AS NEEDED.
	14:00 - 15:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS
	15:00 - 22:30	7.50	DRL	1	DRILL F/ 5,371'-5,463', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS- 2000u, CONN GAS- 2800u, NO FLARES, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS AS NEEDED
	22:30 - 00:00	1.50	RIG	2	REPLACE SWAB IN #1 PUMP
	00:00 - 02:30	2.50	DRL	1	DRILL F/ 5,463'-5,497', WOB- 25-30K, RPM- 175 COMBINED, TORQ. 1500-1800 PSI, GPM- 875, STARTED TO MUD UP @ 5,475', MW- 8.8, VIS- 31, BG GAS- 2400u, CONN GAS- 2900u, NO FLARES, 1/2" TRONA WATER FLOW ON CONNECTION, PUMPING 10 BBL HI VIS BIT BALLING SWEEPS AS NEEDED.
	02:30 - 03:30	1.00	FISH	6	JAR LOOSE STUCK PIPE @ 5,466' & PUMP TWO 20 BBL HI VIS SWEEPS AROUND TO CLEAN HOLE.
	03:30 - 04:30	1.00	DRL	1	DRILL F/ 5,497'-5,502', DRLG WITH SAME PARAMETERS, MW- 8.8, VIS- 34, BG GAS- 450U
	04:30 - 05:30	1.00	CIRC	1	CIRCULATE, MIX TRIP SLUG & FILL TRIP TANK
	05:30 - 06:00	0.50	TRP	10	PUMP PILL & TRIP OUT
6/2/2007	06:00 - 10:00	4.00	TRP	10	TRIP OUT, FUNCTION COM
	10:00 - 10:30	0.50	TRP	1	MUD MOTOR PARTED- LAY DOWN SHOCK SUB & TOP HALF OF MUD MOTOR
	10:30 - 11:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION BLIND RAMS
	11:30 - 15:30	4.00	FISH	5	WAIT ON FISHING TOOLS, CIRCULATE OVER TOP OF HOLE USING TRIP TANK
	15:30 - 22:00	6.50	FISH	5	MAKE UP FISHING TOOLS & TRIP IN
	22:00 - 00:00	2.00	FISH	5	CIRCULATE & WASH OVER FISH
	00:00 - 05:00	5.00	FISH	5	TRIP OUT WITH FISH USING SPINNERS
	05:00 - 06:00	1.00	FISH	5	LAY DOWN FISH & FISHING TOOLS
6/3/2007	06:00 - 09:00	3.00	FISH	5	LAY DOWN FISHING TOOLS
	09:00 - 10:00	1.00	TRP	1	PICK UP NEW MUD MOTOR, IBS & SHOCK SUB
	10:00 - 14:00	4.00	TRP	2	MAKE UP NEW BIT & TRIP IN, BREAK CIRC @ 1,900' & 4,200'
	14:00 - 14:30	0.50	REAM	1	WASH 30' TO BOTTOM, 5' OF FILL
	14:30 - 18:00	3.50	DRL	1	DRILL F/ 5,502'-5,578', WOB- 12-15K, RPM- 180 COMBINED, GPM- 818, MW- 8.9, VIS- 34, BG GAS- 150u, TRIP GAS- 5500u WITH 8-10' FLARE
	18:00 - 19:00	1.00	SUR	1	CIRCULATE & SURVEY, SURVEY DEPTH- 5,500'- 1.4 DEG, 117.8 AZ
	19:00 - 06:00	11.00	DRL	1	DRILL F/ 5,578'-5,730', WOB- 12-18K, RPM- 190 COMBINED, GPM- 815-855, MW- 8.8, VIS- 37, BG GAS- 150, CONN GAS-250, PUMPING 10 BBL BIT BALLING SWEEPS AS NEEDED FOR SEVERE BIT BALLING, NO LOSSES
6/4/2007	06:00 - 17:00	11.00	DRL	1	DRILL F/ 5,730'-5,795', WOB- 15-30K, RPM- 180-230, GPM- 815-875, PUMPING 10-20 BBL BIT BALLING SWEEPS, MW- 8.7, VIS- 40, BG GAS- 50u, NO LOSSES
	17:00 - 18:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION BOTTOM PIPE RAMS & COM
	18:00 - 06:00	12.00	DRL	1	DRILL F/ 5,795'-5,905', DRLG WITH SAME PARAMETERS, MW- 8.9, VIS- 37, BG GAS- 125u, CONN GAS- 400u, PUMPING 10 BBL BIT BALLING SWEEPS (HAVE NOT BEEN VARY EFFECTIVE LAST 12 HRS) NO LOSSES
6/5/2007	06:00 - 14:00	8.00	DRL	1	DRILL F/ 5,905'-5,971', WOB- 18-28K, RPM- 190-225 COMBINED, GPM- 855-900,

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release: 8/8/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/5/2007	06:00 - 14:00	8.00	DRL	1	MW- 8.9, VIS- 38, BG GAS- 125u, PUMPED 10-15 BBL BIT BALLING SWEEPS TO TRY IMPROVE ROP.
	14:00 - 15:00	1.00	SUR	1	DROP SURVEY & LUBRICATE RIG & TOP DRIVE, FUNCTION HCR
	15:00 - 20:30	5.50	TRP	10	PUMP PILL & TRIP OUT, FUNCTION COM (HOLE FILL 18 BBLS OVER CALCULATED)
	20:30 - 23:00	2.50	TRP	1	FUNCTION BLIND RAMS, BREAK BIT, LAY DOWN MUD MOTOR & PICK UP NEW MUD MOTOR
	23:00 - 03:00	4.00	TRP	10	MAKE UP NEW BIT & TRIP IN, BREAK CIRCULATION @ 2,100' & 5,100'
	03:00 - 04:00	1.00	REAM	1	WASH & REAM 355' TO BOTTOM
	04:00 - 06:00	2.00	DRL	1	DRILL F/ 5,971'-6,000', WOB- 8-10K, RPM- 130 COMBINED, GPM- 814, MW- 8.9, VIS- 44, BG GAS- 85u, TRIP GAS- 2,500u, NO FLARE, NO LOSSES.
6/6/2007	06:00 - 07:30	1.50	DRL	1	DRILL F/ 6,000'-6,049, WOB- 8-12K, RPM- 130 COMBINED, GPM- 814, MW- 8.9, VIS- 40, BG GAS- 20u, CONN GAS- 40u, HAVEN'T HAD ANY BIT BALLING WITH VARY LITTLE SEEPAGE.
	07:30 - 08:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS & COM
	08:30 - 18:30	10.00	DRL	1	DRILL F/ 6,049'-6,234', DRLG WITH SAME PARAMETERS, MW & VIS, NO BIT BALLING & NO LOSSES. BG GAS- 30u, CONN GAS- 50U
	18:30 - 19:30	1.00	RIG	2	TROUBLESHOOT & REPLACE BLOWN FUSES IN SCR
	19:30 - 20:00	0.50	DRL	1	DRILL F/ 6,234'-6,243'
	20:00 - 20:30	0.50	RIG	2	TIGHTEN & GREASE SWIVEL PACKING
	20:30 -		DRL	1	DRILL F/ 6,243'-6,350', WOB- 10-15K, RPM- 130 COMBINED, GPM- 814, MW- 8.8, VIS- 37, BG GAS- 50, CONN GAS- 100, PUMPING 10 BBL BIT BALLING SWEEPS AS NEEDED, NO LOSSES
6/7/2007	06:00 - 15:00	9.00	DRL	1	DRILL FROM 6350 TO 6485
	15:00 - 16:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE - PUTTING EXTRA GREASE IN SWIVEL PACKING AS IT IS LEAKING A LITTLE - WILL CHANGE OUT ON NEXT TRIP ALONG WITH BLADDER ON #1 PUMP
	16:00 - 18:00	2.00	DRL	1	DRILL FROM 6485 TO 6510 - HIT HEAVY BIT BALLING AT 6448
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 6510 TO 6627
6/8/2007	06:00 - 15:00	9.00	DRL	1	DRILL FROM 6627 TO 6730 - BIT BALLING - PUMPING SWEEPS AND ADDING BIT WT ALONG WITH SLOWER ROTARY
	15:00 - 16:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	16:00 - 18:00	2.00	DRL	1	DRILL FROM 6730 TO 6782 - STILL DRILLING GOOD WITH 25K ON BIT
	18:00 - 18:30	0.50	DRL	1	DRILL FROM 6782 TO 6793
	18:30 - 20:00	1.50	RIG	2	REPAIR #1 PUMP - 1 VALVE - 1 SEAT - 3 SPRINGS
	20:00 - 23:30	3.50	DRL	1	DRILL FROM 6793 TO 6873
	23:30 - 01:00	1.50	RIG	2	REPLACE SWAB AND LINER GASKET
	01:00 - 02:00	1.00	DRL	1	DRILL FROM 6873 TO 6894
	02:00 - 02:30	0.50	RIG	2	REPLACE WASHED FITTING ON SUCTION SIDE OF CENT PUMP - LOST 145 BBLS
	02:30 - 06:00	3.50	DRL	1	DRILL FROM 6894 TO 6985 - FINALLY STARTING TO SEE SOME SMALL SAND STRINGERS IN DRILLING AND SAMPLES
6/9/2007	06:00 - 10:30	4.50	DRL	1	DRILL FROM 6985 TO 7066
	10:30 - 11:30	1.00	RIG	2	REPLACE 2 SPRINGS - 2 VALVES AND 1 SEAT IN #2 PUMP
	11:30 - 13:30	2.00	DRL	1	DRILL FROM 7066 TO 7102
	13:30 - 14:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	14:30 - 18:00	3.50	DRL	1	DRILL FROM 7102 TO 7175
	18:00 - 21:30	3.50	DRL	1	DRILL FROM 7175 TO 7245
	21:30 - 22:00	0.50	RIG	2	CHANGE VALVE AND SEAT IN #2 PUMP
	22:00 - 06:00	8.00	DRL	1	DRILL FROM 7245 TO 7350 - KEEP PUMPING SWEEPS AND ADDING LCM - HOLE STARTED TAKING 20 BBLS PER HOUR SO WE STARTED ADDING LCM TO ACTIVE - LOST AROUNG 300 BBLS BUT HOLDING GOOD NOW AND BUILDING GOOD VOLUME - I WOULD SAY LOSSES PICKED UP FROM 7045 TO

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release: 8/8/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/9/2007	22:00 - 06:00	8.00	DRL	1	7067 AS THAT IS WHERE WE HAD A VERY GOOD DRILLING BREAK
6/10/2007	06:00 - 06:30	0.50	DRL	1	DRILL FROM 7350 TO 7365
	06:30 - 07:30	1.00	RIG	2	REPLACE SEAT AND VALVE ON #2 PUMP
	07:30 - 12:00	4.50	DRL	1	DRILL FROM 7365 TO 7447
	12:00 - 13:00	1.00	RIG	2	REPAIR LINER WASHER
	13:00 - 15:00	2.00	DRL	1	DRILL FROM 7447 TO 7471
	15:00 - 16:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	16:00 - 18:00	2.00	DRL	1	DRILL FROM 7471 TO 7500 - TOOK A TWO HOUR MUD LOSE CHECK - LOSING 6 BBLS PER HOUR WITH TREATMENTS
	18:00 - 00:30	6.50	DRL	1	DRILL FROM 7500 TO 7579N - BIT SLOWED AND STAYED THERE - SWEEPS NO HELP - PREPARE FOR TRIP OUT
	00:30 - 02:30	2.00	CIRC	1	CIRCULATE TWO SWEEPS OUT OF HOLE TO CLEAN UP - BUILD PILL WHILE SWEEPING HOLE
	02:30 - 03:00	0.50	SUR	1	DROP SURVEY AND PUMP PILL
	03:00 - 06:00	3.00	TRP	10	TRIP IN LOW LOW - HOLE OK SO FAR
6/11/2007	06:00 - 08:00	2.00	TRP	10	TRIP TO BHA
	08:00 - 08:30	0.50	BOP	1	PULL RT. HEAD
	08:30 - 14:00	5.50	ISP	1	INSPECT BHA - OK -
	14:00 - 16:00	2.00	TRP	1	HANDLE BHA - LD MM - BIT - SHOCK SUB - IBS AND PICK UP SAME MINUS THE SHOCK SUB
	16:00 - 18:00	2.00	TRP	2	TRIP BHA INTO HOLE - FILL
	18:00 - 19:00	1.00	BOP	1	INSTALL RT. HEAD - CIRCULATE FOR 10 MIN. WHILE ELECTRICIAN CHECKED OUT SCR'S
	19:00 - 21:00	2.00	RIG	6	CUT DRILL LINE
	21:00 - 23:00	2.00	RIG	2	CHANGE OUT SWIVEL PACKING - QUICK CHANGE DID NOT WORK - REPACKED OLD ONE - OK
	23:00 - 00:00	1.00	RIG	2	SERVICE RIG AND TOP DRIVE
	00:00 - 06:00	6.00	TRP	2	TRIP IN TO HOLE SLOWLY - FILLING EVERY ROW AND CIRC. FOR 5 MIN. - STARTING AT 5500' HAD TO WASH TWO STANDS DOWN(DID 5 STANDS TO BE SAFE) STILL GETTING RETURNS - WILL KELLY UP ON EVERY JOINT IN CASE WE NEED TO WASH AND REAM TO BOTTOM
6/12/2007	06:00 - 07:00	1.00	FISH	6	WORK STUCK PIPE - DEPTH = 7223 - PACKED OFF - WORK UNTIL WE HAD 5 FREE FEET - FINALLY GOT RETURNS - LOST 160 BBLS WHILE WORKING PIPE - HELD 400 PSI WHILE WORKING PIPE FREE
	07:00 - 09:00	2.00	REAM	1	PUMP SWEEPS AND CLEAN HOLE WHILE REAMING STANDS DOWN - LAST 20' HARD FILL
	09:00 - 12:00	3.00	DRL	1	DRILL FROM 7579 TO 7610 - PUMPING LCM SWEEPS EVERY .5 HOUR FOR THREE THEN EVERY HOUR - GOOD RETURNS NOW
	12:00 - 13:00	1.00	RIG	2	REPLACE ONE SEAT AND TWO VALVES IN #1 PUMP
	13:00 - 15:00	2.00	DRL	1	DRILL FROM 7610 TO 7643
	15:00 - 16:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	16:00 - 18:00	2.00	DRL	1	DRILL FROM 7643 TO 7675 - ROP SLOWING - PICKING UP VERY HARD SILTSTONE - VERY ABRASIVE
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 7675 TO 7785 - TRYING TO KEEP ROP UP - LOSSES = 3 BBLS PER HOUR - VERY GOOD - SLIP STICKING WITH HIGHER RT. - EXTRA PUMPS NO HELP - SLOWING RPM ON SURFACE HELPING
6/13/2007	06:00 - 08:00	2.00	DRL	1	DRILL FROM 7785 TO 7883
	08:00 - 09:00	1.00	RIG	2	CHANGE OUT CENTER SWAB ON #2 PUMP
	09:00 - 17:30	8.50	DRL	1	DRILL FROM 7810 TO 7883 - BIT DIED - WORKED WITH IT FOR TWO HOURS WITH NO HELP
	17:30 - 18:00	0.50	CIRC	1	PUMP SWEEPS FOR CLEANING HOLE FOR TRIP OUT
	18:00 - 19:00	1.00	CIRC	1	FINISH CIRCULATING HOLE CLEAN FOR TRIP OUT
	19:00 - 19:30	0.50	SUR	1	DROP SURVEY AND PUMP PILL

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release: 8/8/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/13/2007	19:30 - 00:00	4.50	TRP	10	TRIP OUT - ONE SMALL TIGHT SPOT ON STAND 23 - 5825'
	00:00 - 00:30	0.50	TRP	1	SWAP OUT BITS
	00:30 - 02:30	2.00	TRP	2	TRIP BHA AND ONE STAND DP - FILL AND CIRCULATE
	02:30 - 04:00	1.50	RIG	1	SERVICE RIG AND XO OIL IN TOP DRIVE
	04:00 - 06:00	2.00	TRP	2	TRIP PIPE INTO HOLE FILLING EVERY TWO ROWS
6/14/2007	06:00 - 07:00	1.00	FISH	6	WORK STUCK PIPE FREE AND ADD LCM -TOP DRIVE TRACK PULLED AWAY FROM TOP DRIVE UNIT WHEN DRILL PIPE TORQE WAS ADDED - BYPASS SHAKERS AND ADD BAR - REPAIR WET BAR LINE
	07:00 - 10:00	3.00	CIRC	1	CIRCULATE HOLE CLEAN WITH SWEEPS - ADD LCM TO SYSTEM
	10:00 - 12:00	2.00	RIG	2	REPLACE BREAK OUT LINE AND REPAIR TORQUE BOARD SLIDE ON TOP DRIVE
	12:00 - 15:00	3.00	REAM	1	WASH AND REAM 5 STANDS DOWN FROM 6200 TO 6700
	15:00 - 16:30	1.50	FISH	6	WORK STUCK PIPE AGAIN - WORKED AND JARRED FREE
	16:30 - 18:00	1.50	CIRC	1	CIRCULATE HOLE WITH HIGH LCM SWEEPS AT HIGH RATE - START RAISING MUD WT. TO 9.5 TO BE ABLE TO TRIP TO BOTTOM
	18:00 - 00:00	6.00	CIRC	1	CIRCULATE AND CONDITION MUD - RAISE MUD WT. TO 9.4 ALL AROUND WITH 9% LCM - WILL RAISE MUD WT. TO 9.5 WHILE REAMING TO BOTTOM
	00:00 - 06:00	6.00	REAM	1	WASH AND REAM TO BOTTOM - 7100 TO 7200 WAS HARD AND TORQUEY - LAST 15' TO BOTTOM HARD - WILL LEAVE SHAKERS BYPASSED FOR A WHILE UNTIL HOLE STAYS STABLE WITH 9.5 MUD WT.
6/15/2007	06:00 - 17:00	11.00	DRL	1	DRILL FROM 7883 TO 7952
	17:00 - 18:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 7952 TO 8012 - WORKING WITH JIM I. TO GET BIT TO DRILL - SHAKERS BYPASSED - 9% LCM -
6/16/2007	06:00 - 07:30	1.50	RIG	2	PASON SHUT DOWN AND WENT INTO UPDATE REPAIR MODE - PASON HELP DESK PUT SYSTEM BACK ON LINE
	07:30 - 15:30	8.00	DRL	1	DRILL FROM 8012 TO 8077 (CLIFF WITH BLM GAVE VERBAL APPROVAL ON EXTENTION ON BOP TEST UNTIL AFTER CASING) (NEW SUNDRY DONE AND APROVED FOR SHORTER DEPTH)
	15:30 - 16:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	16:30 - 18:00	1.50	DRL	1	DRILL FROM 8077 TO 8092 - SWEEPING HOLE EVERY HOUR
	18:00 - 01:30	7.50	DRL	1	DRILL FROM 8092 TO 8140 = TD FOR INTER. CASING
	01:30 - 03:00	1.50	CIRC	1	CIRCULATE AND SWEEP HOLE CLEAN FOR SHORT TRIP
	03:00 - 03:30	0.50	CIRC	1	FLOW CHECK - OK - PUMP PILL
	03:30 - 06:00	2.50	TRP	14	SHORT TRIP FOR LOGS - REAM TIGHT SPOTS FROM 7700' TO 7613 - SAFETY REAM FROM 7613 TO 7518
6/17/2007	06:00 - 11:00	5.00	TRP	14	FINISH SHORT TRIP OUT - SLM ON DRILL PIPE ONLY - OK
	11:00 - 15:00	4.00	TRP	2	TRIP IN TO HOLE SLOWLY AS TO NOT ADGITATE ATR SANDS
	15:00 - 17:30	2.50	REAM	1	SAFETY WASH AND REAM 7550 TO 8140 - OK
	17:30 - 18:00	0.50	CIRC	1	START CIRC. AND CONDITIONING - PUMP HOLE CLEANING SWEEP
	18:00 - 20:30	2.50	CIRC	1	FINISH CONDITIONING MUD - BUILD DRY PILL
	20:30 - 22:00	1.50	REAM	1	SAFETY REAM FROM 8140 TO 7300
	22:00 - 22:30	0.50	CIRC	1	PUMP DRY PILL
	22:30 - 00:30	2.00	TRP	2	TRIP OUT FOR LOGS
	00:30 - 01:00	0.50	BOP	1	PULL RT. HEAD
	01:00 - 02:30	1.50	TRP	2	TRIP BHA OUT
	02:30 - 03:30	1.00	TRP	1	HANDLE BHA - LD MM - IBS - BIT - NON-MAG
	03:30 - 06:00	2.50	LOG	1	HOLD SAFETY MEETING - RIG UP LOGGERS - LOG HOLE
6/18/2007	06:00 - 18:00	12.00	LOG	1	LOG OR TRY TO LOG OPEN HOLE WITH FIRST TRUCK - IT GOT HOT AND SURGED TOOLS - COME OUT AND RIG UP SECOND LOGGING TRUCK THAT WAS BROUGHT OUT BY A WRECKER BECAUSE IT HAD NO DRIVE SHAFT
	18:00 - 22:30	4.50	LOG	1	FINALLY FINISH LOGGING OPEN HOLE
	22:30 - 23:30	1.00	LOG	1	RIG DOWN LOGGING EQUIPMENT - USE FORLIFT AND PULL LOGGING

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release: 8/8/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/18/2007	22:30 - 23:30	1.00	LOG	1	TRUCK TO OTHER LOCATION SO WE HAVE ROOM FOR LAY DOWN TRUCK IF WRECKER DOESNT MAKE IT
	23:30 - 01:00	1.50	BOP	1	PULL WEAR BUSHING - HAD TO WASH OUT BEFORE IT WOULD COME OUT
	01:00 - 01:30	0.50	TRP	1	PICK UP AND INSTALL BIT AND BIT SUB
	01:30 - 02:30	1.00	TRP	2	TRIP IN BHA AND FILL - CHECK FLOAT - CIRC. FOR FIVE MIN.
	02:30 - 03:00	0.50	BOP	1	INSTALL RT. HEAD
	03:00 - 06:00	3.00	TRP	2	TRIP INTO HOLE SLOWLY FILLING EVERY 20 STANDS - TOTAL LOSSES FOR TRIP AND LOGS ARE 75 BBLS
6/19/2007	06:00 - 07:00	1.00	TRP	2	FINISH TRIP TO LAST THREE STANDS - HOLE PRETTY SMOOTH
	07:00 - 07:30	0.50	REAM	1	SAFETY WASH AND REAM LAST THREE STANDS TO BOTTOM
	07:30 - 11:00	3.50	CIRC	1	CIRCULATE AND CONDITION FOR TRIP OUT -
	11:00 - 15:00	4.00	TRP	2	TRIP OUT OF HOLE LOW-LOW - HOLE FILL13 BBLS OVER CALC.
	15:00 - 15:30	0.50	BOP	1	PULL RT. HEAD
	15:30 - 16:30	1.00	TRP	2	FINISH TRIP OUT TO 8" COLLARS
	16:30 - 18:00	1.50	TRP	1	LD 8" DC'S AND BREAK BIT
	18:00 - 19:00	1.00	CSG	1	RIG UP CASING CREW AND EQUIPMENT
	19:00 - 06:00	11.00	CSG	2	RUN CASING IN TO HOLE -DIFFERANTIAL FILL QUIT AT 3600' - FILLING EVERY 1000' AND CIRCULATE UNTIL 6700' WHERE WE ARE FILLING AND CIRC. EVERY 500' - 53 BBLS LOST SO FAR
6/20/2007	06:00 - 08:30	2.50	CSG	2	RUN CASING TO BOTTOM - WASH LAST THREE TO HANGER - OK
	08:30 - 13:30	5.00	CIRC	1	CIRCULATE AND CONDITION MUD WHILE CEMENTERS RIG UP - REDUCE MUD WT. TO 9.5 AND SHAKE OUT LCM
	13:30 - 15:30	2.00	BOP	1	INSTALL PACK OFF AND CEMENT ISOLATION TOOLS - TEST TO 10,000 PSI - OK
	15:30 - 18:00	2.50	CMT	2	HOLD SAFETY MEETING - PRESSURE TEST LINES AND CEMENT
	18:00 - 20:00	2.00	CMT	2	FINISH CEMENTING - DID NOT BUMP PLUG - FLOAT HELD - HAD FULL RETURNS UP TO THE LAST 87 BBLS OF DISPLACEMENT AND RETURNS LOWERED TO 50 TO 75% - MAXIMUM PSI = 1050 - PUMP 75 SKS CAP CEMENT WITH A 56 PSI HIGH
	20:00 - 22:30	2.50	CMT	1	RIG DOWN CEMENTERS
	22:30 - 23:30	1.00	BOP	1	RIG DOWN LANDING JOINT AND CEMENT ISOLATION TOOL
	23:30 - 06:00	6.50	BOP	2	RIG UP AND START TESTING BOP'S - HAD TO MAKE NEW ORING FOR TEST PLUG AS IT LEAKED ONE TIME - CHECK TOP DRIVE SLIDES WHILE TESTING - OK - CHECKED ALL NUTS AND BOLTS - OK -
6/21/2007	06:00 - 09:00	3.00	BOP	2	PRESSURE TEST BOP, TESTED MANIFOLD & KILL LINE VALVES TO 5000# HI, 250# LOW, CSG- 1600# (TEST PLUG LEAKING)
	09:00 - 10:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE (WAIT ON ANOTHER TEST PLUG)
	10:00 - 11:30	1.50	BOP	2	PRESSURE TEST TOP PIPE RAMS & BOTTOM PIPE RAMS TO 5000# HI, 250# LOW, ANNULAR- 2500# HI, 250# LOW
	11:30 - 12:00	0.50	BOP	2	INSTALL WEAR BUSHING
	12:00 - 13:00	1.00	BOP	2	FUNCTION TEST ACCUMALATOR- OK
	13:00 - 16:00	3.00	TRP	1	STRAP & PICK UP NEW BHA
	16:00 - 18:00	2.00	TRP	2	TRIP IN BHA
	18:00 - 23:00	5.00	TRP	2	TRIP IN, BREAK CIRC AFTER BHA THEN EVERY 3000', INSTALLED ROT. HEAD
	23:00 - 01:30	2.50	DRL	4	DRILL CEMENT & FLOAT EQUIPMENT (TAGGED CEMENT @ 7,890')
	01:30 - 02:30	1.00	DRL	1	DRILL F/ 8,140'-8,150'
	02:30 - 03:30	1.00	EQT	2	CIRC & FIT TO 13.5 EQUIVILENT- OK
	03:30 - 06:00	2.50	DRL	1	DRILL F/ 8,150'-8,182', WOB- 10-15K, RPM- 112 COMBINED, GPM- 450, MW- 9.6, VIS- 42, BG GAS- 6u, NO LOSSES
6/22/2007	06:00 - 11:30	5.50	DRL	1	DRILL F/ 8,182'-8,247', WOB- 15-18K, RPM- 118 COMBINED, GPM- 450, MW- 9.5, VIS- 40, BG GAS- 10u, STARTED SEEPING 5-8 BBLS/HR, PUMPING 10 BBL BIT BALLING SWEEPS WITH 12% LCM HOURLY FOR LOSSES & ROP.
	11:30 - 12:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & COM

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release: 8/8/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/22/2007	12:30 - 18:00	5.50	DRL	1	DRILL F/ 8,247'-8,317', DRLG WITH SAME PARAMETERS, MW & VIS, SEEPING 8 BBLS/HR, PUMPING BIT BALLING SWEEPS WITH 10% LCM FOR LOSSES & ROP
	18:00 - 06:00	12.00	DRL	1	DRILL F/ 8,317'-8,517', WOB- 15-20K, RPM- 120 COMBINED, GPM- 470, MW- 9.4, VIS- 42, BG GAS- 18u, LOSING 10-12 BBLS/HR, PUMPING BIT BALLING SWEEPS WITH 10% LCM EVERY 1/2 HR, PLAN TO BYPASS SHAKERS TODAY & RAISE LCM & RAISE LCM CONTENT TO 10%.
6/23/2007	06:00 - 14:00	8.00	DRL	1	DRILL F/ 8,517'-8,680', WOB- 15-20K, RPM- 120 COMBINED, GPM- 470, MW- 9.4, VIS- 42, BG GAS- 10u, SEEPING 4 BBLS/HR, BYPASSED SHAKERS @ 8,540', LCM- 8%, PUMPING 10 BBL BIT BALLING EVERY 1/2 HR
	14:00 - 15:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS & COM
	15:00 - 18:00	3.00	DRL	1	DRILL F/ 8,680'-8,717', DRLG WITH SAME PARAMETERS, MW & VIS, LCM- 8-10%, SEEPING 2 BBLS/HR, PUMPING 10 BBL BIT BALLING SWEEPS AS NEEDED. BG GAS- 10u
	18:00 - 06:00	12.00	DRL	1	DRILL F/ 8,717'-8,877', WOB- 15-20K, RPM- 120 COMBINED, GPM- 470, MW- 9.4, VIS- 44, LCM- 10%, BG GAS- 15u, NO LOSSES, PUMPING BIT BALLING SWEEPS AS NEEDED, NEW MESAVERDE TOP- 8,950'
6/24/2007	06:00 - 17:00	11.00	DRL	1	DRILL F/ 8,877'-9,046', WOB- 18-22K, RPM- 120 COMBINED,GPM- 470, MW- 9.4, VIS- 42, SHAKERS BYPASSED, LCM- 8%, NO LOSSES, BG GAS- 20u. PUMPING 10 BBL LCM SWEEPS HOURLY TO MAINTAIN 8-10% LCM.
	17:00 - 18:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION BOTTOM PIPE RAMS & COM
	18:00 - 06:00	12.00	DRL	1	DRILL F/ 9,046'-9,180', WOB- 18-20K, RPM- 120 COMBINED, GPM- 470, MW- 9.4, VIS- 40, SHAKERS BYPASSED LCM- 8%, BG GAS- 50u, CONN GAS- 480u, NO LOSSES, PUMPING 10 BBL BIT BALLING & LCM SWEEPS HOURLY
6/25/2007	06:00 - 07:00	1.00	DRL	1	DRILL F/ 9,180'-9,195', WOB- 18-20K, RPM- 120 COMBINED, GPM- 470, MW- 9.4, VIS- 42, LCM- 8%, NO LOSSES, BG GAS- 50u,
	07:00 - 08:00	1.00	SUR	1	DROP SURVEY & PUMP PILL
	08:00 - 13:00	5.00	TRP	10	TRIP OUT F/ BIT #9
	13:00 - 14:00	1.00	TRP	1	CHANGE OUT MUD MOTOR & BIT, FUNCTIONED BLIND RAMS
	14:00 - 15:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE
	15:00 - 16:00	1.00	RIG	2	REPAIR OIL LEAKS ON TOP DRIVE
	16:00 - 19:00	3.00	TRP	10	TRIP IN, BREAK CIRC. AFTER BHA, THEN EVERY 2,000'
	19:00 - 20:00	1.00	RIG	2	TIGHTEN BOLTS ON TORQUE TUBE & FIX ANOTHER LEAK ON TOP DRIVE
	20:00 - 22:30	2.50	TRP	10	TRIP IN TO CSG SHOE, INSTALL ROT. HEAD, BREAK CIRC. EVERY 2,000'
	22:30 - 00:00	1.50	RIG	6	CUT DRLG LINE
	00:00 - 00:30	0.50	TRP	10	TRIP IN TO 8,400' & JAR LOOSE FROM TIGHT SPOT
	00:30 - 06:00	5.50	REAM	1	WASH & REAM F/ 8,400'-9,140', WOB- 5-10K, RPM- 105 COMBINED, GPM- 428, MW- 9.45, VIS- 42, LCM- 8%, NO LOSSES, BG GAS- 15u, CONN GAS- 150u
6/26/2007	06:00 - 06:30	0.50	REAM	1	REAM FROM 9150 TO 9160
	06:30 - 08:00	1.50	FISH	3	JAR LOOSE STUCK PIPE AT 9160 AND WORK TIGHT HOLE
	08:00 - 09:30	1.50	REAM	1	ATTEMPT TO REAM TO BOTTOM GAINED 500 POUNDS OFF BTM PRESS. AFTER JARRING (SUSPECT MOTOR FAILURE WHEN JARRING PIPE)
	09:30 - 11:30	2.00	CIRC	1	CIRC., MIX & PUMP TRIP SLUG
	11:30 - 16:00	4.50	TRP	13	TRIP OUT OF HOLE TO CHECK MOTOR (HOLE FILL 10 BBLS OVER CALCULATED)
	16:00 - 17:00	1.00	TRP	1	CHANGE OUT MUD MOTOR (STATOR FAILURE)
	17:00 - 18:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTIONED BLIND RAMS
	18:00 - 23:00	5.00	TRP	13	MAKE UP BIT & TRIP IN HOLE, BREAK CIRCULATION AFTER BHA AND THEN EVERY 2000FT
	23:00 - 23:30	0.50	TRP	13	INSTALL ROT. HEAD
	23:30 - 01:30	2.00	REAM	1	WASH & REAM F/ 9,020'-9,195'
	01:30 - 06:00	4.50	DRL	1	DRILL F/ 9,195'-9,295', WOB- 10-15K, RPM- 120 COMBINED, GPM- 470, MW- 9.7, VIS- 46, LCM- 8%, NO LOSSES, BG GAS- 20u

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release: 8/8/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/27/2007	06:00 - 15:00	9.00	DRL	1	DRILL F/ 9295'- 9517', WOB- 8-12K, RPM- 120 COMBINED, GPM- 470, STARTED SHAKING OUT LCM @ 9365' DUE TO EXCESSIVE RUBBER IN MUD, MW- 9.7, VIS- 45, BG GAS- 25, NO LOSSES
	15:00 - 16:00	1.00	DRL	1	LUBRICATE RIG / TOP DRIVE, FUNCTION ANNULAR & COM
	16:00 - 18:00	2.00	DRL	1	DRILL FROM 9517'- 9566', DRLG WITH SAME PARAMETERS, MW & VIS, SHAKING OUT LCM, NO LOSSES.PUMPING 10 BBL BIT BALLING SWEEPS WITH 10% LCM AS NEEDED.
	18:00 - 06:00	12.00	DRL	1	DRILL F/ 9566'-9755', WOB- 10-15K, RPM- 120 COMBINED, GPM- 470, MW- 9.7, VIS- 44, BG GAS- 50u, CONN GAS- 700u, NO LOSSES, PUMPING 10 BBL BIT BALLING SWEEPS AS NEEDED.
6/28/2007	06:00 - 12:00	6.00	DRL	1	DRILL F/ 9755'-9865', WOB- 10-20K, RPM- 120 COMBINED, GPM- 470, MW- 9.8, VIS- 41, BG GAS- 250u, CONN GAS- 1000u, NO LOSSES, PUMPING 10 BBL BIT BALLING SWEEPS ONCE AN HOUR.
	12:00 - 13:00	1.00	DRL	1	LUBRICATE RIG & TOP DRIVE, FUNCTION HCR & COM
	13:00 - 06:00	17.00	DRL	1	DRILL F/ 9865'-10124', WOB- 10-20K, RPM- 120 COMBINED, GPM- 470, MW- 9.7, VIS- 42, BG GAS- 100u
6/29/2007	06:00 - 08:30	2.50	DRL	1	DRILL F/ 10124' to 10165', WOB- 15-20K, RPM- 120 COMBINED, GPM- 470, MW- 9.7, VIS- 42, BG GAS- 50u, CONN GAS- 100u, NO LOSSES, PUMPING BIT BALLING SWEEPS AS NEEDED.
	08:30 - 09:30	1.00	DRL	1	LUBRICATE RIG & TOP DRIVE
	09:30 - 19:00	9.50	DRL	1	DRILL F/ 10165'-10289, DRLG WITH SAME PARAMETERS, MW & VIS, NO LOSSES, PUMPING BIT BALLING SWEEPS AS NEEDED
	19:00 - 19:30	0.50	RIG	2	TOP DRIVE MOTOR OVER HEATED,CLEAN OUT RADIATOR ON TOP DRIVE MOTOR
	19:30 - 05:00	9.50	DRL	1	DRILL F/ 10289' to 10375', WOB- 10-24K, RPM- 120 COMBINED, GPM- 470, MW- 9.7, VIS- 42, BG GAS- 50u, CONN GAS- 100u, NO LOSSES, PUMPING BIT BALLING SWEEPS AS NEEDED.
	05:00 - 05:30	0.50	SUR	1	DROP SURVEY
	05:30 - 06:00	0.50	TRP	10	PUMP PILL AND TRIP OUT FOR BIT #10
6/30/2007	06:00 - 10:30	4.50	TRP	10	TRIP OUT F/ BIT #10 (HOLE FILL 22 BBLS OVER CALCULATED)
	10:30 - 12:00	1.50	TRP	1	FUNCTION BLIND RAMS, BREAK BIT, LAY DOWN MUD MOTOR & PICK UP NEW MUD MOTOR
	12:00 - 16:00	4.00	TRP	10	MAKE UP NEW BIT & TRIP IN TO CSG SHOE @ 8125', BREAK CIRC. EVERY 3000'
	16:00 - 17:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE
	17:00 - 18:30	1.50	RIG	2	REPLACE PRESSURE RELIEF VALVE ON TOP DRIVE
	18:30 - 20:00	1.50	TRP	10	TRIP IN SLOWLY
	20:00 - 21:00	1.00	REAM	1	WASH 200' TO BOTTOM, 5' OF FILL
	21:00 - 06:00	9.00	DRL	1	DRILL F/ 10375'-10520' , WOB, 12-18K, RPM- 125 COMBINED, GPM- 470, MW-10, VIS- 45, BG GAS- 50u, CONN GAS- 130u, NO LOSSES, PUMPING 10 BBL BIT BALLING LCM SWEEPS HOURLY
7/1/2007	06:00 - 15:00	9.00	DRL	1	DRILL F/ 10510'-10635', WOB- 12-18K, RPM- 125 COMBINED, GPM- 470, MW-10, VIS- 45, SEEPING 2 BBLS/HR, PUMPING 10 BBL SWEEPS WITH 10% LCM HOURLY, BG GAS- 330u, CONN GAS- 1880u, VENTING THRU BUSTER, NO FLARES
	15:00 - 16:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS & COM
	16:00 - 06:00	14.00	DRL	1	DRILL F/ 10635'-10905', WOB- 12-18K, RPM- 125 COMBINED, GPM- 470, MW-10.3, VIS- 44, BG GAS- 38Ou, CONN GAS- 1360u, VENTING THRU BUSTER, NO FLARES, SEEPING 4 BBLS/HR, PUMPING 10 BBL SWEEPS WITH 10% LCM HOURLY.
7/2/2007	06:00 - 16:00	10.00	DRL	1	DRILL F/ 10905'-11060', WOB- 12-18K, RPM- 125 COMBINED, GPM- 470, MW-10.4, VIS- 44, BG GAS- 900u, CONN GAS- 1850u, VENTING THRU BUSTER, 5-15' CONN FLARES, SEEPING 1-2 BBLS/HR, PUMPING 10 BBL LCM SWEEPS

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release: 8/8/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/2/2007	06:00 - 16:00	10.00	DRL	1	HOURLY.
	16:00 - 17:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION HCR VALVE & COM
	17:00 - 06:00	13.00	DRL	1	DRILL F/ 11060'-11325', WOB- 15-20K, RPM- 120 COMBINED, GPM- 470, MW- 10.55, VIS- 43, BG GAS- 550u THRU BUSTER W/ 3-5' FLARE, CONN GAS- 2450u WITH 10-15' FLARE, SEEPING 2 BBLS/ HR, PUMPING 10 BBL SWEEPS WITH 10% LCM HOURLY, RUNNING ALL SOLIDS CONTROL EQUIP.
7/3/2007	06:00 - 13:30	7.50	DRL	1	DRILL F/ 11325'-11401', WOB- 18-26K, RPM- 125 COMBINED, GPM- 470, MW- 10.5, VIS- 42, BG GAS- 1850u, CONN GAS- 3850u WITH 10-15' FLARE VENTING THRU BUSTER, SEEPING 1-2 BBLS/HR, PUMPING LCM SWEEPS HOURLY
	13:30 - 16:30	3.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & COM
	16:30 - 04:00	11.50	DRL	1	DRILL F/ 11401'-11536', WOB- 18-26K, RPM- 125 COMBINED, GPM- 470, MW- 10.6, VIS- 43, BG GAS- 1800u, CONN GAS- 3860u WITH 10-15' FLARE VENTING THRU BUSTER, SEEPING 1-2 BBLS/HR, PUMPING 10 BBL SWEEPS WITH 10% LCM HOURLY.
	04:00 - 04:30	0.50	SUR	1	DROP SURVEY & CHECK F/ FLOW- OK
	04:30 - 06:00	1.50	TRP	10	PUMP TRIP SLUG & TRIP OUT F/ BIT #11, FUNCTION COM
7/4/2007	06:00 - 10:00	4.00	TRP	10	TRIP OUT F/ BIT #11, HOLE FILL 24 BBLS OVER CALCULATED
	10:00 - 11:30	1.50	TRP	1	FUNCTION BLIND RAMS, BREAK BIT, LAY DOWN MUD MOTOR & PICK UP NEW MUD MOTOR
	11:30 - 17:30	6.00	TRP	10	MAKE UP NEW BIT & TRIP IN, BREAK CIRC. AFTER BHA THEN EVERY 3000', INSTALLED ROT. HEAD @ CSG SHOE
	17:30 - 19:00	1.50	REAM	1	WASH & REAM 110' TO BOTTOM (HARD REAMING LAST 15') TRIP GAS- 1800u WITH 40' FLARE
	19:00 - 20:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS
	20:00 - 06:00	10.00	DRL	1	DRILL F/ 11536'-11600', WOB- 18-25K, RPM- 475 COMBINED, GPM- 470, MW- 9.6, VIS- 43, HOLE SEEPING 1-2 BBLS/HR, BG GAS- 1350u, CONN GAS- 2160u, VENTING THRU BUSTER, NO FLARES
7/5/2007	06:00 - 18:00	12.00	DRL	1	DRILL FROM 11600 TO 11687 - RAISE MUD WT. DUE TO SLOUGHING SHALE - LOSSING MUD AT 7BBLS PER HOUR WITH A 11.0 WT - DO 10 BBL LCM SWEEPS EVERY HOUR - HOLE IS NOW HOLDING AND BUILDING VOLUME
	18:00 - 21:30	3.50	DRL	1	DRILL FROM 11687 TO 11708
	21:30 - 22:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	22:30 - 06:00	7.50	DRL	1	DRILL FROM 11708 TO 11763 - HOLE HOLDING GOOD WITH 10 BBL SWEEPS EVERY HOUR
7/6/2007	06:00 - 07:00	1.00	DRL	1	DRILL FROM 11763 TO 11772
	07:00 - 08:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	08:00 - 16:30	8.50	DRL	1	DRILL FROM 11772 TO 11852 - MUD WT.= 11.4+ - TRYING TO GET UP TO 11.6
	16:30 - 18:00	1.50	WCL	1	TOOK KICK - SHUT WELL IN LATE - CIRCULATE OUT GAS ON CHOKE WHIL WAITING UP - BLACKHAWK SAND - .4 KICK ACORDING TO SIDPP
	18:00 - 20:00	2.00	WCL	1	CIRCULATE OUT GAS THRU CHOKE WHILE PUMPING SWEEPS EVEY HOUR AND RASING MUD WT.
	20:00 - 21:00	1.00	CIRC	1	TAKE OFF CHOKE AND RUN THRU BUSTER FOR A BOTTOMS UP - 3' TO 5' FLARE
	21:00 - 22:00	1.00	WCL	1	BOTTOMS UP BROUGHT 14 BBL GAIN SO WE SHUT IN AND KEPT CIRCULATING THRU CHOKE - FLARE SIZE DROPPED 15 MINUTES OF CIRCULATING
	22:00 - 23:30	1.50	CIRC	1	LEAVE FLOW LINE AND VENT LINE VALVES SHUT - OPEN BAG AND GO TO DRILLING STROKES THRU WIDE OPEN CHOKE AND GET FULL BOTTOMS UP. BOTTOMS UO OK - WENT DRILLING THRU CHOKE WITH 80 PSI ON CASING
	23:30 - 06:00	6.50	DRL	1	DRILL FROM 11852 TO 11904 - LCM SWEEPS EVERY HOUR - LOSSES WENT FROM 6 BBLS PH TO 0 - HOLE HEALING UP AND NOW BUILDING VOLUME -
7/7/2007	06:00 - 11:30	5.50	RIG	2	BOTH PUMPS DOWN - SHUT WELL IN AND MONITOR - #1 PUMP HAS CRACK IN 1002 THREAD HALF IN BYPASS LINE - #2 PUMP HAS 3 BROKEN STUDS IN

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release: 8/8/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/7/2007	06:00 - 11:30	5.50	RIG	2	TOP FLANGE OF PULSATION DAMPNER - THREADS ARE METRIC
	11:30 - 18:00	6.50	RIG	2	CIRCULATE WELL WHILE REPAIRING #2 PUMP - 75 BBL GAIN WHILE ON CHOKE - 75' FLARE
	18:00 - 19:30	1.50	RIG	2	FINISH REPAIRS ON #2 PUMP - STILL CIRCULATING WITH #1 PUMP
	19:30 - 20:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	20:30 - 06:00	9.50	DRL	1	DRILL FROM 11904 TO 11980 - MUD = 12.0 - LOSING 2 BBLS PH - SWEEPING HOLE EVERY HOUR WITH 1 BAG EACH MICA-WALNUT-PHSEAL IN ACTIVE EVERY HOUR - FRESH WATER = 5 GAL PM - NEXT SAND AROUND 11998 - BG = 1500 WITH CONNECTION AT 3000 UNITS WITH 35' FLARE
7/8/2007	06:00 - 18:00	12.00	DRL	1	DRILL FROM 11980 TO 12084 - PICKED OFF BOTTOM ON ALL HIGH FLOWS TO SLOW PUMPS TOKEEP SHAKERS FROM RUNNING OVER - WELL IS BALLONING - GAINS AND LOSSES ALL DAY - MUD WT. 12.1 - 30' FLARES EVERY HOUR
	18:00 - 01:00	7.00	DRL	1	DRILL FROM 12084 TO 12147 - TAKING GAINS FROM WELL BALOONING - 30' FLARE EVERY HOUR
	01:00 - 02:00	1.00	CIRC	1	CIRCULATE OUT GAS - DRILLING BREAK FROM 12132 TO 12148 - 101 BBL GAIN - CIRCULATED OUT THRU CHOKE WITH VENT LINE CLOSED - HELD CIRCULATING PRESSURE - 75 TO 100' FLARE - RAISING MUD WT. FROM 12.1 TO 12.25 - WELL HOLDING OK
	02:00 - 03:30	1.50	DRL	1	DRILL FROM 12147 TO 12155 - DRILLING WITH A 20 TO 30' FLARE - FLARE STARTING TO DROP IN SIZE - CASING PSI STAYING FROM 80 TO 130 PSI
	03:30 - 05:00	1.50	RIG	2	REPAIR LEAKING UNION ON BYPASS ON #1 PUMP - PUMP BLADDER LEAKING ON #2 - HAMMERING UP AGAIN - NOT HOLDING
	05:00 - 06:00	1.00	DRL	1	AFTER TALKING TO MONTY DECISION WAS MADE TO DRILL AHEAD WITH ONE PUMP UNTIL UNIT FOUND OUT PARTS FOR #2 PUMP - DRILLED FROM 12155 TO 12165
7/9/2007	06:00 - 11:30	5.50	DRL	1	DRILLED FROM 12166 TO 12218 - BALLONING 15 BBL AVERAGE
	11:30 - 12:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	12:30 - 18:00	5.50	DRL	1	DRILL FROM 12218 TO 12270
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 12270 TO 12370 - FLOW ON FLOW LINE - DOING WELL BUT FLOW IS UP AND DOWN BUT GAS BREAKING OUT WELL DOWN VENT LINE
7/10/2007	06:00 - 10:00	4.00	DRL	1	DRILL FROM 12370 TO 12409 - WELL BALLONING - MUD WT. AT 12.4
	10:00 - 11:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	11:00 - 18:00	7.00	DRL	1	DRILL FROM 12409 TO 12480
	18:00 - 22:30	4.50	DRL	1	DRILL FROM 12480 TO 12524 - GETTING PRESSURE AND DIFF. SPIKES - SMALL RUBBER CHUCKS COMING OVER SHAKER (STATOR RUBBER)
	22:30 - 00:00	1.50	CIRC	1	CIRCULATE AND CONDTION MUD FOR TRIP
	00:00 - 04:30	4.50	TRP	12	PUMP 1.5 POUND OVER PILL AND TRIP OUT - AFTER 15 STANDS PIPE CAME WET - KEEP TRIPPING TO SHOE - KELLY UP AND PUMP - GOT PRESSURE AND FLOW - CALL IN ON ORDERS AND DECIDED TO TRIP ALL THE WAY OUT TO LD MM
	04:30 - 05:00	0.50	WCL	3	FLOW CHECK - 1\4 STREAM - NEVER GOT BIGGER
	05:00 - 06:00	1.00	TRP	12	TRIP OUT - NEXT 5 STANDSWAS 1.9 OVER CALCULATED - NEXT 5 STANDS 2.1 OVER - PUMP NEW 2LB OVER PILL
7/11/2007	06:00 - 12:00	6.00	TRP	14	SHORT TRIP OUT BUT MM LOCKED UP SO WE CAME ALL THE WAY OUT AND WILL GO BACK IN CONVENTIONAL
	12:00 - 13:00	1.00	TRP	1	HANDLE BHA - LD MM, BIT - IBS AND PICK UP BIT SUB AND USED BIT
	13:00 - 18:00	5.00	TRP	2	TRIP IN TO HOLE SLOWLY - FILL AND CIRCULATE AT BHA - FILL AND CIRCULATE FOR 5 MIN. EVERY 2 ROWS
	18:00 - 18:30	0.50	BOP	1	INSTALL HIGH PRESSURE RT. HEAD
	18:30 - 19:30	1.00	TRP	2	TRIP TO SHOE SLOWLY FILLING EVERY 2 ROWS
	19:30 - 20:30	1.00	RIG	6	CUT 87' OF DRILL LINE
	20:30 - 23:30	3.00	TRP	2	FINISH TRIP TO BOTTOM - FILL EVERY 2 ROWS AND CIRCULATE FOR 10 MIN.

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release: 8/8/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/11/2007	20:30 - 23:30	3.00	TRP	2	
	23:30 - 01:00	1.50	CIRC	1	CIRCULATE OUT GAS - 89 BBL GAIN - 85' FLARE - 3300 UNITS ON CHOKE
	01:00 - 02:00	1.00	REAM	1	SAFETY WASH AND REAM TWO STANDS TO BOTTOM - NO TIGHT SPOTE OR FILL
	02:00 - 05:00	3.00	CIRC	1	CIRCULATE AND CONDITION MUD TO 12.45 AND HYDRATE ON FULL CIRCULATION
	05:00 - 06:00	1.00	SUR	1	DROP AND PUMP SURVEY DOWN 6 MIN. AT SLOW PUMP RATE - STOP AND WAIT FOR TOOL TO CYCLE SURVEY - ALSO DROP RABBIT FOR LINER OPERATION
7/12/2007	06:00 - 09:00	3.00	TRP	2	TRIP OUT TO TOP OF FIRST HEAVY PILL FOR LOGS - SLM ON WAY OUT
	09:00 - 09:30	0.50	CIRC	1	SPOT SECOND ONE POUND OVER HEAVY PILL
	09:30 - 11:00	1.50	TRP	2	TRIP TO TOP OF SECOND PILL - SLM
	11:00 - 12:00	1.00	CIRC	1	CIRCULATE FROM SHOE TO SURFACE - PUMP TRIP SLUG
	12:00 - 15:00	3.00	TRP	2	TRIP OUT OF HOLE - STRAP OUT - 24 BBLS OVER CACULATED
	15:00 - 15:30	0.50	BOP	1	PULL RT. HEAD
	15:30 - 17:00	1.50	TRP	2	FINISH TRIP OUT (BHA)
	17:00 - 18:00	1.00	TRP	1	LAY DOWN SURVEY TOOL AND PIPE DRIFT
	18:00 - 06:00	12.00	LOG	1	RIG UP LOGGERS AND HOLD SAFETY MEETING - LOG - FIRST RUN = TRIPLE COMBO - SECOND RUN = WAVE SONIC 9@ 0500 THERE IS 7 HOURS LEFT OF SECOND RUN) - THIRD RUN WILL BE BOND LOG = AROUND 4 HOURS - HOLE STILL VERY STABLE - LOGGERS DEPTH = 12532 - SLM = 12528 - SURVEY = DEPTH - 12508 - 2.4 - 137.9
7/13/2007	06:00 - 18:00	12.00	LOG	1	RUN OPEN HOLE LOGS - ALL LOGS MADE IT TO BOTTOM - HOLE STAYING VERY STABLE WITH HEAVY PILLS ON BOTTOM - MONITOR WELL ON TRIP TANK
	18:00 - 19:00	1.00	LOG	1	FINISH OPEN HOLE LOGS - TRIP TANK GAIN = 2.1 BBLS -
	19:00 - 19:30	0.50	LOG	1	RIG DOWN LOGGERS
	19:30 - 22:00	2.50	TRP	2	TRIP IN BHA - FILL - TRIP IN 25 STANDS
	22:00 - 22:30	0.50	BOP	1	INSTALL RT HEAD
	22:30 - 23:00	0.50	CIRC	1	CIRCULATE BOTTOMS UP TO GET RID OF TRIP SLUG
	23:00 - 00:00	1.00	TRP	2	TRIP TO SHOE FILLING PIPE EVERY 2 ROWS
	00:00 - 01:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP AT SHOE - OK
	01:00 - 03:00	2.00	TRP	2	TRIP TO BOTTOM FILLING EVERY 2 ROWS
	03:00 - 04:00	1.00	REAM	1	CIRCULATE OUT GAS - SAFETY REAM 60' TO BOTTOM - ONE SMALL TIGHT SPOT 50' FROM BOTTOM - ONCE WE WENT THRU IT WE NEVER SEEN IT AGAIN
	04:00 - 06:00	2.00	CIRC	1	CIRCULATE AND CONDITION MUD FROM TRIPPING AND LOGGING - HEAVY WT. PILL DID EXCELLENT JOB ON BOTTOM - 34 BBL GAIN WITH 35' FLARE - PUMP TWO 15 BBL SWEEPS 1/2 HOUR APART AND THEN EVERY HOUR - WILL CONTINUE CIRCULATING UNTIL MUD LOOKS GOOD FOR NRXT OPERATION OF SPOTTING MORE PILLS ON BOTTOM AND TRIP OUT FOR RUNNING OF LINER
7/14/2007	06:00 - 10:30	4.50	CIRC	1	CIRCULATE AND CONDITION MUD FROM LOGGING, FILL TRIP TANF AND BUILD HEAVY FOR SPOTTING ON BOTTOM
	10:30 - 11:00	0.50	CIRC	1	SPOT PILL AND FLOW CHECK - OK - 81.6 BBLS
	11:00 - 12:30	1.50	TRP	2	TRIP OUT OF HOLE UNTIL ON TOP OF SPOTTED PILL
	12:30 - 13:00	0.50	CIRC	1	SPOT SECOND HEAVY PILL - 74.4 BBLS
	13:00 - 14:00	1.00	TRP	2	TRIP OUT OF HOLE UNTIL ON TOP OF SECOND PILL
	14:00 - 15:00	1.00	CIRC	1	CIRCULATE HOLE CLEAN, FLOW CHECK - OK - PUMP TRIP SLUG
	15:00 - 17:00	2.00	TRAV	1	TRIP OUT OF HOLE
	17:00 - 17:30	0.50	CIRC	6	FILL TRIP TANK
	17:30 - 18:00	0.50	TRP	2	TRIP OUT
	18:00 - 19:30	1.50	TRP	2	FINISH TRIP OUT

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release: 8/8/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/14/2007	19:30 - 22:00	2.50	CSG	1	RIG UP CASING CREW, SWAP OUT BALES, HOLD SAFETY MEETING
	22:00 - 04:00	6.00	CSG	2	RUN LINER - TRIP SPEED = 100 OR = TO 25% FLOW
	04:00 - 05:30	1.50	CSG	1	RIG DOWN CASING CREW, SWAP OUT BALES AND ELEVATORS
7/15/2007	06:00 - 06:30	0.50	CIRC	1	CIRC. BTM. UP @ 5121 FT. - TO GET RID OF TRIP SLUG
	06:30 - 08:30	2.00	TRP	2	TRIP IN HOLE W/ LINER 60 SEC. PER STAND (SLM)
	08:30 - 09:30	1.00	CIRC	1	FILL PIPE & CIRC BTM. UP @ 8099 FT.
	09:30 - 11:30	2.00	TRP	2	TRIP IN HOLE W/ LINER 60 SEC. PER STAND (SLM)
	11:30 - 14:30	3.00	CIRC	1	CIRC. & COND. MUD
	14:30 - 16:00	1.50	TRP	2	TRIP IN HOLE W/ LINER 60 SEC. PER STAND (SLM)
	16:00 - 16:30	0.50	CMT	1	RIG UP CEMENT HEAD BREAK CIRC. TAG BTM.
	16:30 - 21:00	4.50	CIRC	1	CIRC. & COND. MUD - LOST RETURNS AT 10521 - MOVE PIPE - PUMP SWEEPS TO REGAIN FLOW - LOST 284 BBLS
	21:00 - 01:00	4.00	CMT	2	HOLD SAFETY MEETING AND CEMENT LINER, FULL RETURNS, DID NOT BUMP PLUG, FLOATS HELD
	01:00 - 01:30	0.50	TRP	2	STING OUT OF LINER AND PULL 10 STANDS AND LD CIRCULATING HEAD ASSEMBLY
	01:30 - 02:30	1.00	CIRC	1	CIRC BTM. UP & RIG DOWN CEMENTERS
	02:30 - 05:00	2.50	TRP	2	TRIP OUT W/ HANGER TOOL
	05:00 - 05:30	0.50	BOP	1	PULL ROTATING HEAD W/ LINER TOOL
	05:30 - 06:00	0.50	TRP	1	PICK BIT SUB INSALL FLOAT & BIT
7/16/2007	06:00 - 07:30	1.50	TRP	1	TRIP IN HOLE W/ BHA
	07:30 - 08:00	0.50	CIRC	1	FILL PIPE AND BREAK CIRCULATION
	08:00 - 10:00	2.00	TRP	2	TRIP IN HOLE (SLM)
	10:00 - 10:30	0.50	BOP	1	INSTALL ROTATING HEAD
	10:30 - 11:00	0.50	CIRC	1	FILL PIPE AND BREAK CIRCULATION
	11:00 - 11:30	0.50	TRP	2	TRIP IN HOLE TAG CEMENT STRINGERS @ 6678 FT. (SLM)
	11:30 - 15:30	4.00	DRL	4	DRILL CEMENT F/ 6678 TO 7588 @ TOP OF LINER
	15:30 - 18:00	2.50	CIRC	1	CIRCULATE AND CONDITION MUD AFTER DRILLING CEMENT TO TOP OF LINER MAKING SURE LINER TOP IS CLEAN F/ NEGITIVE TEST
	18:00 - 19:00	1.00	CIRC	1	DISPLACE TOP OF LINER FROM A 12.4 MUD TO FRESH WATER
	19:00 - 21:00	2.00	EQT	3	MONITER LINERLAP MAKING SURE THE LAP IS NOT LEAKING EVERYTHING LOOKS GOOD
	21:00 - 22:00	1.00	CIRC	1	DISPLACE TOP OF LINER FROM FRESH WATER BACK TO 12.4 MUD
	22:00 - 00:00	2.00	TRP	3	PUMP TRIP SLUG AND LAY DOWN 5" DRILL PIPE
	00:00 - 00:30	0.50	BOP	1	PULL ROTATING HEAD
	00:30 - 02:00	1.50	TRP	3	LAY DOWN 5" DRILL PIPE
	02:00 - 04:30	2.50	TRP	2	TRIP IN REST OF STANDS IN DERRICK
	04:30 - 06:00	1.50	TRP	3	LAY DOWN 5" PIPE
7/17/2007	06:00 - 10:00	4.00	TRP	3	LAY DOWN 5" DP AND BHA
	10:00 - 16:30	6.50	OTH		RIG DOWN BIG TOOLS FROM FLOOR AND RIG UP SMALL TOOLS
	16:30 - 18:00	1.50	BOP	2	RIG UP TESTER - HOLD SAFETY MEETING - START TESTING 10000 PSI TEST
	18:00 - 04:00	10.00	BOP	2	FINISH TESTING BOP'S - FUNCTION KOOMEY TEST - TEST CASING TO 2750 PSI - HELD 1000 PSI AGAIST SUPER CHOKES
	04:00 - 05:00	1.00	BOP	1	INSTALL WEAR BUSHING
	05:00 - 06:00	1.00	TRP	1	RIG UP LD CREW - SET PSI ON TOP DRIVE
7/18/2007	06:00 - 12:30	6.50	TRP	3	PICK UP 4" XT39 DP
	12:30 - 16:00	3.50	TRP	2	TRIP OUT FOR PSI LOSS AT 3600'
	16:00 - 17:00	1.00	OTH		CLEAN FOR FROM WET TRIP
	17:00 - 18:00	1.00	TRP	2	TRIP IN TO HOLE
	18:00 - 19:00	1.00	TRP	2	FINISH TRIP IN
	19:00 - 20:00	1.00	OTH		HELD SAFETY MEETING ON PICKING UP DRILL PIPE - WE HAVE NEW FLOOR MEMBERS ON THIS CREW
	20:00 - 23:00	3.00	TRP	3	PICK UP DP

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release: 8/8/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/18/2007	23:00 - 23:30	0.50	OTH		STRAP NEXT SECTION OF PIPE AND ENTER IN PASON
	23:30 - 02:30	3.00	TRP	3	PICK UP DRILL PIPE
	02:30 - 03:00	0.50	OTH		STRAP PIPE AND ENTER IN PASON
	03:00 - 06:00	3.00	TRP	3	FINISH PICKING UP DRILL PIPE
7/19/2007	06:00 - 07:00	1.00	CIRC	1	CIRCULATE AND CONDITION MUD
	07:00 - 13:00	6.00	LOC	7	CLEAN MUD TANKS
	13:00 - 18:00	5.00	LOC	5	EXTEND DIVIDER IN RESERVE PIT WITH TRACK HOE, BUILD PAD FOR DRYER SHAKER AND CATCH TANK, WELDERS MAKING REPAIRS & MODIFICATIONS TO MUD TANKS FOR INVERT MUD
	18:00 - 19:00	1.00	RIG	6	CUT DRILLING LINE
	19:00 - 06:00	11.00	LOC	5	SET DRYER SHAKER AND SLIDE, PLUMB TRANSFER LINES FOR INVERT AND DIESEL STORAGE TANKS, REPAIR AGITATOR COUPLERS, INSPECT PUMPS (REPLACED BAD 3 VALVES & SEATS, 3 LINERS & ALL 6 SWABS)
7/20/2007	06:00 - 18:00	12.00	LOC	4	RIG UP INVERT DRYER SHAKER, CATCH TANK, MUD VACUUM & MUD CLEANERS, WELDERS MAKING REPAIRS AND MODIFICATIONS TO MUD TANKS, PUT NEW HYDRIL BLADDER IN PUMP #1, RIGGED UP DIESEL TO MUD TANKS, PLUGGED OFF WATER LINE TO MUD TANKS
	18:00 - 06:00	12.00	LOC	4	RIG UP FLARE LINES, PUT 3 NEW LINERS & ALL 6 SWABS IN PUMPS, FINISH WELDING ON MUD TANKS, GEL GATES ON MUD TANKS
7/21/2007	06:00 - 18:00	12.00	LOC	4	FINISH GELLING MUD TANK GATES & FILL TANKS WITH OBM (WELDERS MODIFYING DRIP PAN TO FIT 10M ANNULAR)
	18:00 - 20:00	2.00	LOC	4	INSTALL DRIP PAN UNDER RIG FLOOR
	20:00 - 20:30	0.50	CIRC	1	PRIME PUMPS & FLUSH OUT MUD LINES
	20:30 - 00:30	4.00	CIRC	1	DISPLACE HOLE WITH OBM & CIRCULATE BOTTOMS UP
	00:30 - 04:00	3.50	DRL	4	DRILL CEMENT, FLOAT EQUIPMENT & 10' OF NEW HOLE
	04:00 - 04:30	0.50	CIRC	1	CIRCULATE FOR FIT
	04:30 - 05:00	0.50	EQT	2	FIT TO 16# EQUIVILENT
	05:00 - 06:00	1.00	DRL	1	DRILL F/ 12532'-12560', WOB- 8-12K, RPM- 112 COMBINED, GPM- 258, 12.4+, VIS- 42, BG GAS- 45u, CONN GAS- 350u
7/22/2007	06:00 - 12:30	6.50	DRL	1	DRILL F/ 12560'-12726', WOB- 10-14K, RPM- 112 COMBINED, GPM- 258, MW- 12.4+, VIS- 44, BG GAS- 450u, CONN GAS- 1600u, TOP OF MANCOS "B"- 12,635', STARTED DRLG THRU CHOKE AT 12,701', BG GAS- 4800u WITH 25' FLARE
	12:30 - 13:30	1.00	CIRC	1	TOOK 20 BBL GAIN, CIRCULATE OUT GAS & START RAISING MW
	13:30 - 14:00	0.50	DRL	1	DRILL THRU CHOKE F/ 12726'-12755', DRLG WITH SAME PARAMETERS, RAISING MW TO 12.6
	14:00 - 14:30	0.50	CIRC	1	TOOK ANOTHER KICK, CIRCULATE OUT GAS & CONTINUE TO RAISE MW
	14:30 - 15:30	1.00	DRL	1	DRILL THRU CHOKE F/ 12755'-12793', DRLG WITH SAME PARAMETERS, RAISING MW TO 12.7
	15:30 - 16:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTIONED ANNULAR & COM
	16:30 - 19:00	2.50	CIRC	1	CIRCULATE OUT GAS THRU CHOKE & RAISE MW TO 12.8, VIS- 44, BG GAS- 4450u WITH 20-25' FLARE
	19:00 - 06:00	11.00	DRL	1	DRILL F/ 12,793'-13,112', WOB- 8-12K, RPM- 112 COMBINED, GPM- 258, MW- 12.95, VIS- 41, BG GAS- 1000u VENTING THRU BUSTER WITH 5-10 FLARE, CONN GAS- 4860u WITH 30' FLARE, NO LOSSES
7/23/2007	06:00 - 14:30	8.50	DRL	1	DRILL F/ 13112'-13370', WOB- 10-12K, RPM- 112 COMBINED, GPM- 258, MW- 13, VIS- 41, BG GAS- 1500 WITH 5-10' FLARE, CONN GAS- 4550u WITH 30' FLARE, NO LOSSES, CONTINUE TO SLOWLY RAISE MW.
	14:30 - 15:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & COM, SET UP BRAKES ON DRAWWORKS
	15:30 - 21:00	5.50	DRL	1	DRILL F/ 13370'-13512', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS- 1700u WITH 5-10' FLARE, CONN GAS- 4850u WITH 30' FLARE
	21:00 - 21:30	0.50	RIG	2	PUMP REPAIR- BOTH PUMPS DOWN, REPLACED BAD LINER GASKET ON #1

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release: 8/8/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/23/2007	21:00 - 21:30	0.50	RIG	2	PUMP & FAST CAP GASKET ON #2 PUMP
	21:30 - 06:00	8.50	DRL	1	DRILL F/ 13512'-13732', WOB- 10-12K, RPM- 112 COMBINED, GPM- 258, MW- 13.2, VIS- 41, BG GAS- 1500u WITH 5-10' FLARE, CONN GAS- 4950u WITH 30' FLARE, NO LOSSES, SLOWLY RAISING MW.
7/24/2007	06:00 - 07:30	1.50	DRL	1	DRILL F/ 13732'-13791', WOB- 10-12K, RPM- 122 COMBINED, GPM- 258, MW- 13.2, VIS- 41, BG GAS- 1550u WITH 5-10' FLARE, CONTINUE TO SLOWLY RAISE MW.
	07:30 - 08:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION BOTTOM PIPE RAMS & COM, CHECK FOR FLOW- WELL FLOWING 1" STREAM
	08:30 - 11:30	3.00	DRL	1	DRILL F/ 13791'-13890', DRLG WITH SAME PARAMETERS, MW- 13.45, VIS- 43, BG GAS- 1400u WITH 3-8' FLARE, CONN GAS- 4900u WITH 25' FLARE, CONTINUE TO RAISE MW
	11:30 - 17:00	5.50	RIG	2	TROUBLESHOOT EATON BRAKE (DID NOT HAVE A RELAY VALVE IN AIR LINE FROM CONTROL VALVE TO BRAKE THAT IS REQUIRED TO HAVE FOR BRAKE TO FUNCTION PROPERLY.) INSTALLED RELAY VALVE & MODIFIED CONTROL VALVE HANDLE TO MAKE IT EASIER TO OPERATE. TESTED BRAKE SEVERAL TIMES & IT IS NOW FUNCTIONING PROPERLY, MIKE ALMOND, ROBERT SANDS, ROBERT MACYNTIRE, 2 MECHANICS (ALL WITH UNIT DRLG) & 2 EATON BRAKE REPS. WERE PRESENT TO TROUBLESHOOT & MAKE REPAIRS. DRAWWORKS DRUM WILL ALSO NEED TO BE REBALANCED. PLAN TO DO IT ON RIG MOVE.
	17:00 - 06:00	13.00	DRL	1	DRILL F/ 13890'-14226', WOB- 10-12K, RPM- 122 COMBINED, GPM- 258, BG GAS- 1600u THRU BUSTER WITH 1-3' FLARE, CONN GAS- 4900u WITH 20-25' FLARE, NO LOSSES
7/25/2007	06:00 - 07:00	1.00	DRL	1	DRILL F/ 14,226'-14,243', WOB- 10-12K, RPM- 122 COMBINED, GPM- 258, MW- 14, VIS- 43, BG GAS- 1700u, NO FLARE & NO LOSSES
	07:00 - 08:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS & COM
	08:00 - 12:00	4.00	DRL	1	DRILL F/ 14243'-14373', DRLG WITH SAME PARAMETERS, MW- 14.1, VIS- 44
	12:00 - 13:00	1.00	RIG	2	CHANGE OUT SAVER SUB
	13:00 - 18:00	5.00	DRL	1	DRILL F/ 14,373'-14,530', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS- 1300u, CONN GAS- 2400u WITH 15-20' FLARE, NO LOSSES
	18:00 - 00:00	6.00	DRL	1	DRILL F/ 14530'-14705', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS- 1350u WITH 3' FLARE VENTING THRU BUSTER, CONN GAS- 4900u WITH 10' FLARE, NO LOSSES DRLG.
	00:00 - 00:30	0.50	RIG	2	WORK ON PUMPS (WEAR PLATE IN #1 PUMP & SWAB IN #2 PUMP)
	00:30 - 02:30	2.00	DRL	1	DRILL F/ 14,705'-14769', DRLG WITH SAME PARAMETERS, MW & VIS, LOST 200# PUMP PRESS., GAINED 30 BBLS
	02:30 - 06:00	3.50	CIRC	1	SHUT IN WELL, CIRC OUT GAS & RAISE MW (SICP- 750#, SIDPP- 400#, GAINED 72 BBLS, 120' FLARE)
7/26/2007	06:00 - 06:30	0.50	DRL	1	CIRCULATE GAS OUT OF WELLBORE
	06:30 - 13:00	6.50	DRL	1	DRILL 14,769' TO 14,922' (ROP 23.5) WOB- 10-12K, RPM- 122 COMBINED, GPM- 258, MW- 14.5, VIS- 43, BG GAS- 1140u WITH 1-3' FLARE, CONN GAS- 4950u WITH 20' FLARE, NO LOSSES DRLG.
	13:00 - 14:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & COM, FLOW CHECK 1/2 STREAM = 7 BBL PER HR
	14:00 - 06:00	16.00	DRL	1	DRILL 14,922' TO 15235' (ROP- 19.6) WOB- 10-12K, RPM- 118 COMBINED, GPM- 244, MW- 14.7, VIS- 45, BG GAS- 2000u NO FLARE VENTING BUSTER, CONN GAS- 3500u WITH 10-15' FLARE, NO LOSSES DRLG.
7/27/2007	06:00 - 11:00	5.00	DRL	1	DRILL F/ 15235'-15372', WOB- 10-14K, RPM- 118 COMBINED, GPM- 244, MW- 14.7, VIS- 44, BG GAS- 1700u VENTING BUSTER, CONN GAS- 3025u WITH 15' FLARE, NO LOSSES DRLG.
	11:00 - 12:00	1.00	RIG	1	LUBRICATE TOP DRIVE / RIG, FUNCTION BOP, CHECK FOR FLOW, 1/4" STREAM

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release: 8/8/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/27/2007	12:00 - 16:00	4.00	DRL	1	DRILL FROM 15,372' TO 15,460' SAME PARAMETERS, BG GAS - 1500u VENTING BUSTER, CONN GAS - 3800u WITH 20' FLARE, NO DRILLING LOSSES
	16:00 - 16:30	0.50	TRP	3	LAY DOWN TWO WASHED JOINTS AND PICK UP TWO NEW JOINTS
	16:30 - 23:00	6.50	DRL	1	DRILL FROM 15,460' TO 15566', SAME PARAMETERS, BG GAS - 1500u VENTING BUSTER, CONN GAS - 4500u WITH 20' FLARE, NO DRILLING LOSSES
	23:00 - 23:30	0.50	WCL	3	CHECK F/ FLOW, WELL FLOWING 2.5 BBLS/HR
	23:30 - 06:00	6.50	DRL	1	DRILL F/ 15566'-15668', WOB- 10-14K, RPM- 118 COMBINED, GPM- 244, MW- 14.95, VIS- 43, BG GAS- 1100 UNITS VENTING BUSTER, NO FLOW, CONN GAS- 3750u WITH 5-15' FLARE, NO LOSSES DRLG
7/28/2007	06:00 - 07:00	1.00	DRL	1	DRILL F/ 15668'-15678', WOB- 10-14K, RPM- 118 COMBINED, GPM- 244, MW- 14.95, VIS- 43, BG GAS- 1100u VENTING BUSTER, NO FLARE
	07:00 - 08:00	1.00	WCL	3	CHECK FOR FLOW- STARTED @ 2.5 BBLS/HR, FINAL CHECK 1.5 BBLS/HR
	08:00 - 10:00	2.00	DRL	1	DRILL F/ 15678'-15707' DRLG WITH SAME PARAMETERS, MW & VIS
	10:00 - 11:30	1.50	CIRC	1	SPOT 85 BBL 16.7 PILL & PUMP TRIP SLUG
	11:30 - 16:00	4.50	TRP	10	TRIP OUT F/ BIT & MUD MOTOR, PULLED ROT HEAD & CHECKED FOR FLOW AT CSG SHOE (OK)
	16:00 - 17:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTIONED HCR, CHANGED TONG DIES & FILLED TRIP TANK
	17:00 - 20:00	3.00	TRP	10	TRIP OUT, HOLE FILL 16 BBLS OVER CALCULATED
	20:00 - 20:30	0.50	TRP	1	FUNCTION BLIND RAMS, BREAK BIT & LAY DOWN MUD MOTOR
	20:30 - 22:00	1.50	TRP	10	MAKE UP NEW BIT, BIT SUB & TRIP IN BHA
	22:00 - 22:30	0.50	CIRC	1	BREAK CIRC. & CHANGE GRABBER DIES
	22:30 - 03:00	4.50	TRP	10	TRIP IN, BREAK CIRC. EVERY 3000'
	03:00 - 04:30	1.50	CIRC	1	INSTALL ROT. HEAD & CIRC. BOTTOMS UP @ CSG SHOE
	04:30 - 06:00	1.50	TRP	10	TRIP IN, BRAK CIRC. EVERY 1000'
7/29/2007	06:00 - 06:30	0.50	TRP	10	TRIP IN
	06:30 - 07:00	0.50	REAM	1	WASH 60' TO BOTTOM, NO FILL
	07:00 - 08:00	1.00	DRL	1	DRILL F/ 15707'-15722', WOB- 12-15K, RPM- 80-100 (STICK SLIPPING), GPM- 244, MW- 15.1, VIS- 45, BG GAS- 250u
	08:00 - 09:00	1.00	CIRC	1	CIRC. OUT GAS THRU CHOKE, 32 BBL GAIN, CSG PRESS- 120#, 30' FLARE
	09:00 - 14:00	5.00	DRL	1	DRILL F/ 15722'-15793', WOB- 12-15K, RPM- 100 (STICK SLIPPING), GPM- 244, BG GAS- 300u VENTING BUSTER WITH 3-4' FLARE, CONN GAS- 1400u WITH 10-15' FLARE, NO LOSSES DRLG
	14:00 - 15:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & COM
	15:00 - 06:00	15.00	DRL	1	DRILL F/ 15793'-16150', WOB- 12-15K, RPM- 100 (STICK SLIPPING), GPM- 244, MW- 15.1, VIS- 45, BG GAS- 300u VENTING BUSTER, NO FLARE, CONN GAS- 3300u WITH 10-15' FLARE, NO LOSSES DRLG
7/30/2007	06:00 - 14:30	8.50	DRL	1	DRILL F/ 16150'-16266', WOB- 12-15K, RPM- 60-100, GPM- 244, MW- 15.1, VIS- 47, BG GAS- 800u WITH 3' FLARE VENTING BUSTER, CONN GAS- 3200u WITH 15' FLARE, NO LOSSES DRLG
	14:30 - 15:30	1.00	SUR	1	DROP SURVEY & CHECK F/ FLOW (STARTED @ 3.5 BBLS/HR, ENDED @ 1.5 BBLS/HR)
	15:30 - 18:30	3.00	CIRC	1	CIRC. BOTTOMS UP & SPOT 85 BBL 16.8# PILL & PUMP TRIP SLUG
	18:30 - 03:30	9.00	TRP	10	TRIP OUT F/ BIT #14, PULLED ROT. HEAD @ CSG SHOE & CHECK F/ FLOW- OK
	03:30 - 04:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION BLIND RAMS, BREAK BIT, BIT SUB & RETREIVE SURVEY TOOL
	04:30 - 06:00	1.50	TRP	1	MAKE UP TURBINE, IBS,CIRC. SUB & XO THEN SURFACE TEST TURBINE- OK
7/31/2007	06:00 - 11:00	5.00	TRP	10	MAKE UP BIT & TRIP IN BREAKING CIRCULATION EVERY 3000', FUNCTION COM
	11:00 - 12:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION BOTTOM PIPE RAMS (CIRC. F/ 15

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release: 8/8/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/31/2007	11:00 - 12:00	1.00	RIG	1	MIN.)
	12:00 - 14:30	2.50	RIG	2	REPAIR LEAKING BRAKE FLANGES (HOSE FITTINGS WERE LOOSE ON BOTH SIDES)
	14:30 - 15:00	0.50	TRP	10	TRIP IN TO CSG SHOE
	15:00 - 16:00	1.00	RIG	6	CUT DRLG LINE
	16:00 - 17:30	1.50	CIRC	1	INSTALL ROT. HEAD & CIRC. FOR 1 HR @ 32 SPM
	17:30 - 19:30	2.00	TRP	10	TRIP IN SLOWLY BREAKING CIRCULATION EVERY 1000'
	19:30 - 21:00	1.50	REAM	1	WASH & REAM F/ 16165'-16255' (HARD REAMING LAST 20') WOB- 1-2K, RPM- 1460 COMBINED, GPM- 190, TORQUE- 420-450
	21:00 - 22:00	1.00	CIRC	1	CIRCULATE OUT GAS (28 BBL GAIN, CSG PRESS.- 200 PSI, 30' FLARE)
	22:00 - 22:30	0.50	REAM	1	REAM F/ 16255'-16266', REAMING WITH SAME PARAMETERS, MW- 15.3, VIS- 49, BG GAS- 600
	22:30 - 06:00	7.50	DRL	1	DRILL F/ 16266'-16318', WOB- 3-4K, RPM- 1460 COMBINED, GPM- 190, TORQUE- 425 (TURBINE STALLS @ 500) MW- 15.3, VIS- 49, BG GAS- 300
8/1/2007	06:00 - 11:00	5.00	DRL	1	DRILL F/ 16318'-16369', WOB- 3-4K, RPM- 1470 COMBINED, TORQUE- 410-450 PSI, GPM- 190, PP- 4000 PSI, MW- 15.3, VIS- 48, BG GAS- 700u OFF THE BUSTER, NO LOSSES
	11:00 - 12:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS & COM (CHANGED SAVER SUB ON TOP DRIVE)
	12:00 - 06:00	18.00	DRL	1	DRILL F/ 16369'-16497', WOB- 3-5K, RPM- 1475 COMBINED, TORQUE- 510-540 PSI, GPM- 190, PP- 4000 PSI, MW- 15.3, VIS- 47, BG GAS- BG GAS- 300u, CONN GAS- 800u, NO FLARES, NO LOSSES, TOP OF DAKOTA- 16414', PROJECTED TOP OF DAKOTA SAND- 16537'
8/2/2007	06:00 - 15:00	9.00	DRL	1	DRILL F/ 16497'-16561', WOB- 4-8K, RPM- 1475 COMBINED, TORQUE- 510-550, GPM- 190, 15.3, VIS- 46, BG GAS- 800u DRILLING THRU BUSTER WITH 2-4' FLARE, CONN GAS- 900u
	15:00 - 16:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & COM
	16:00 - 06:00	14.00	DRL	1	DRILL F/ 16497'-16675', WOB- 4-8K, RPM- 1470 COMBINED, TORQUE- 420-450 PSI, GPM- 190, MW- 15.2, VIS- 46, BG GAS- 1000u OFF THE BUSTER, NO LOSSES, TOP OF DAKOTA SAND- 16539', NEW TD- 16750'
8/3/2007	06:00 - 16:30	10.50	DRL	1	DRILL F/ 16675'-16750' (TD), WOB- 4-8K, RPM- 1470, TORQUE- 420-450 PSI, GPM- 190, MW- 15.2, VIS- 46, BG GAS- 1400, OFF BUSTER, NO LOSSES
	16:30 - 17:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION HCR VALVE & COM, CHECK F/ FLOW, 1ST CHECK FLOWING 7 BBLS/HR, SLOWING DOWN EACH CHECK AFTER, STOPPED FLOWING AFTER 35 MIN.
	17:30 - 19:30	2.00	TRP	14	SHORT TRIP 8 STDS, BACK REAM THRU TIGHT HOLE F/ 16545'-16535' (REAMED 3 TIMES UNTIL CLEAN)
	19:30 - 23:30	4.00	CIRC	1	CIRC. BOTTOMS UP (7 BBL GAIN, 15' FLARE) SPOT 80 BBL 16.9# PILL & PUMP TRIP SLUG
	23:30 - 06:00	6.50	TRP	2	TRIP OUT F/ LOGS (SLM) PULLED ROT. HEAD @ CSG SHOE & CHECK FOR FLOW- OK
8/4/2007	06:00 - 09:00	3.00	TRP	2	TRIP OUT - STRAP OUT FOR LOGS
	09:00 - 09:30	0.50	TRP	1	BREAK AND LD BIT SUB - TURBINE - IBS - BIT
	09:30 - 11:00	1.50	LOG	1	RIG UP LOGGING ADAPTER - RIG UP LOGGERS AND HOLD SAFETY MEETING
	11:00 - 18:00	7.00	LOG	1	LOG HOLE - TRIPLE COMBO FIRST THEN SONIC - LOGGERS DEPTH = 16760 - SLM = 16752 - MONITOR WELL WITH TRIP TANK - HALF WAY THRU LOGGING SEAL WENT OUT OF TRIP TANK SO WE ARE MONITORING WELL ON ACTIVE SYSTEM - UNIT LOOKING FOR REPLACEMENT PUMP AT OTHER RIGS
	18:00 - 04:00	10.00	LOG	1	FINISH LOGS - HOLE OK - LOGGING OK - BOTTOM ZONE = 16605 WITH A VERY SMALL POSSIBLE LOOK AT 16633
	04:00 - 05:30	1.50	LOG	1	RIG DOWN LOGGERS AND LOGGING ADDAPTER

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release: 8/8/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/4/2007	05:30 - 06:00	0.50	TRP	1	PICK UP BIT AND BIT SUB - INSTALL FLOAT
8/5/2007	06:00 - 07:00	1.00	BOP	1	PULL WEAR BUSHING
	07:00 - 16:30	9.50	TRP	2	TRIP INTO HOLE FILLING EVERY TWO ROWS - CIRCULATE 10 MIN. AT 4000 - 8000 - 12000
	16:30 - 18:00	1.50	CIRC	1	START CIRCULATING GAS OUT AND CONDITIONING MUD FOR LDDP AND PICKING UP CASING
	18:00 - 21:00	3.00	CIRC	1	CIRCULATE AND CONDITION TO SECOND BOTTOMS UP - 8 BBL GAIN - 35' FLARE - 45 PSI ON CASING -
	21:00 - 22:00	1.00	CIRC	1	SPOT HEAVY PILL ON BACKSIDE AND PUMP TRIP SLUG
	22:00 - 01:00	3.00	TRP	2	TRIP TO SHOE (45 STANDS) IN LOW LOW
	01:00 - 01:30	0.50	CIRC	1	FLOW CHECK - NO FLOW
	01:30 - 02:00	0.50	CSG	1	RIG UP LD TRUCK AND HOLD SAFETY MEETING
	02:00 - 06:00	4.00	TRP	3	LD DRILL PIPE INSTALLING THREAD PROTECTORS ON PIN END
8/6/2007	06:00 - 09:30	3.50	TRP	3	LDDP
	09:30 - 11:00	1.50	TRP	2	CLEAN FLOOR AND RUN 30 STANDS IN SLOWLY
	11:00 - 13:30	2.50	TRP	3	LDDP
	13:30 - 14:30	1.00	TRP	2	TRIP REST OF BHA AND LAST TEN STANDS OF DP IN TO HOLE
	14:30 - 18:00	3.50	TRP	3	LDDP AND PART OF BHA
	18:00 - 19:00	1.00	TRP	1	FINISH LAYING DOWN BHA - BIT SUB - AND BIT
	19:00 - 20:30	1.50	CSG	1	RIG UP CASING CREW - CHANGE BAILS AND SAVER SUB FOR FILL TOOL - HOLD SAFETY MEETING
	20:30 - 03:30	7.00	CSG	2	RUN 4.5 CASING CIRC. FOR 2500 STROKES AT 4500'
	03:30 - 04:30	1.00	BOP	1	INSTALL RT. HEAD AND RESET SLIPS
	04:30 - 05:30	1.00	CIRC	1	CIRC. 4500 STROKES
	05:30 - 06:00	0.50	CSG	2	RUN CASING- HOLD CASING SPEED TO 15% FLOW
8/7/2007	06:00 - 09:30	3.50	CSG	2	RUN CASING AT 12 TO 15% FLOW
	09:30 - 10:30	1.00	CIRC	1	CIRCULATE 4500 STROKES TO MOVE HEAVY MUD UP HOLE
	10:30 - 13:00	2.50	CSG	2	FINISH RUNNING CASING
	13:00 - 14:00	1.00	REAM	1	WASH TO BOTTOM WITH LAST JOINT AND TAG
	14:00 - 16:00	2.00	CIRC	1	CIRCULATE AND CONDITION MUD WHILE RIGGING DOWN CASING CREW
	16:00 - 18:00	2.00	CIRC	1	HOOK UP CEMENT HEADSTART CIRCULATING BOTTOMS UP WHILE CEMENTERS RIG UP
	18:00 - 21:30	3.50	CIRC	1	CIRC. AND COND. MUD WHILE WAITING ON BACKUP PUMP TRUCK AND BATCH MIXER FROM VERNAL - RIG UP HALLIBURTON MAIN EQUIPMENT
	21:30 - 00:00	2.50	CMT	2	CEMENT LONG STRING - 60BBL DISP. = 3000PSI - 100 BBL. = 4000PSI - 130BBL = 4400 - 150 BBL = 4950 - 180 BBL = 5825 - 200 BBL = 6300 - 220 = 6800 - 239 BBL = 7500 - BUMPED AT 7500 PSI - WENT 1000 OVER AND HELD FOR 5 MIN. - CHECK FLOATS - FLOAT HELD
	00:00 - 01:30	1.50	CMT	1	RIG DOWN CEMENTERS
	01:30 - 06:00	4.50	WOT	1	SHUT IN AND WAIT ON CEMENT WHILE TRANSFERING OILBASE TO UPRIGHTS - CLEAN BOPS
8/8/2007	06:00 - 10:00	4.00	BOP	1	NIPPLE DOWN CHOKE LINE - HALLIBURTON AND KILL LINE - FLOW LINE - SUPER SUCKERS CLEANING TANKS SLOWLY - ROUSTABOUTS REMOVED FLARE LINES SO WELDER CAN START BUILDING PIECES FOR BURYING FLARE LINES
	10:00 - 13:30	3.50	BOP	1	RIG UP BOP LIFTS AND LIFT STACK
	13:30 - 14:30	1.00	CSG	7	SET SLIPS 25K OVER CUT CASING
	14:30 - 18:00	3.50	BOP	1	SET STACK DOWN AND FINISH BREAKING STUDS AT MUD CROSS AND ABOVE DOUBLE GATE - ACCORDING TO SUNDRY WE HAVE TO CALL JAMIE S. WITH BLM 24 HOURS IN ADVANCE BEFORE PLUGGING OLD SURFACE PIPE - LEFT MESSAGES AT OFFICE - CELL AND HOME WITH NO RETURN CALL - WILL CALL MY MAIN BLM HAND FOR HELP THIS MORNING
	18:00 - 06:00	12.00	LOC	4	PREPARING FOR RIG DOWN - CIRC. ALL LINES WITH DIESEL AND THEN

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name: UNIT

Spud Date: 4/21/2007
Rig Release: 8/8/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/8/2007	18:00 - 06:00	12.00	LOC	4	CHEMICAL WASH - KEEP CLEANING TANKS WITH SUPER SUCKER - RIG FLOOR DOWN - LD TOP DRIVE - RIG RELEASED AT 0600 THIS MORNING

CONFIDENTIAL

43-047-34902
22 8S 21E

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/10/2007	06:00 - 16:00	10.00	PERF	2	TIGHT HOLE - COMPLETION REPORT On 9/6/07 MIRU Cutters WL. RIH w/ 3.625" gauge ring to tag @ 16,650'. POOH w/ gauge ring. RIH w/ CBL tools, run CBL f/ 16,684' to 4,500'. TOC @ 4945'. On 9/7/07 MIRU Quick Test to pressure test csg & frac head to 11,500#. OK. Tested flow manifold to 8500#. OK. RIH w/ 3-1/8" csg guns & perforate Dakota intervals @ 3 SPF w/ Power Pak charges. Dakota intervals as follows: 16,629-32', 16,595-04', 16,550-58'. Didn't see any pressure change. 24 Hour Forecast: Discontinue report until further activity. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/11/2007	06:00 - 16:00	10.00	LOC	4	TIGHT HOLE - COMPLETION REPORT SICP = 3800#. On 9/10/07 MIRU Rocky Mtn Well Service. Open csg & flowed to pit thru choke manifold. Well died in 1 minute. Shut well in. Wait on 15K BOP. SDFN. 24 Hour Forecast: Will NU BOP & PU Tbg. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/12/2007	06:00 - 16:00	10.00	WOT	4	TIGHT HOLE - COMPLETION REPORT SICP = 950#. Open csg & flowed to pit thru choke manifold. Well died in 1 minute. Shut well in. Wait on 15K BOP. SDFN. 24 Hour Forecast: Will NU BOP & PU Tbg. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/13/2007	06:00 - 16:00	10.00	TRP	2	TIGHT HOLE - COMPLETION REPORT SICP = 500#. Open csg & flowed to pit through manifold. Well died in 1 minute. Install tbg hanger w/ bull plug in tbg head. ND frac valve & NU 4" 15K BOP (2 pipe rams w/ 1 blind ram). RU Quick Test & test BOP stack @ 11,000#. OK. Remove hanger f/ tbg head. PU, tally & rabbit in hole w/ notch collar, 1 jt 2-3/8" P-110 tbg, 1.81" "F" Nipple & 166 jts 2-3/8" new P-110 tbg to 5360'. SWIFN & Lock rams.

Printed: 10/4/2007 1:14:14 PM

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/13/2007	06:00 - 16:00	10.00	TRP	2	Pumped 20 bbls 2% KCL water to control tbg. 24 Hour Forecast: Will PU Tbg. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/14/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE --SICP=450# Open csg & flowed to pit thru choke manifold. Well died in 1 minute. Pump 10 bbls KCL wtr to control tbg. Finish PU, tally & rabbit in hole w/notch collar, 1 jt 2 3/8" P-110 tbg, 1.81" f-nipple & 2 3/8" new P-110 tbg. Tag PBTD @ 16,687' (btm perf @ 16,632'). LD 6 jts tbg. Land tbg in wellhead at 16514' w/f-nipple @ 16,481'. SWIFN & Lock rams. 24 Hour Forecast: will swab tbg. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/17/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE SICP = 800#, SITP = 650#. Open tbg & flowed to pit thru choke manifold. Well died in 1 minute with F-nipple @ 16,481'. Swab tbg. Made 17 swab runs & recovered 100 bbls slightly gas cut fluid. IFL = surface. FFL = 6600'. Final csg = 50#. Tbg wouldn't flow. 150 BLLTR. SWIFWE & Lock rams. 24 Hour Forecast: Will swab tbg. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/18/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE SICP = 350#, SITP = 190#. Open tbg & flowed to pit thru choke manifold. No fluid. With F-nipple @ 16,481'. Swab tbg. Made 13 swabs runs & recovered 58 bbls slightly gas cut fluid. IFL = 6250'. FFL = 10100'. Final csg = 250#. Tbg wouldn't flow. 92 BLLTR. SWIFN & lock rams. 24 Hour Forecast: Will pump 1000 gals acid job.

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/18/2007	06:00 - 16:00	10.00	SWAB	1	Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/19/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE SICP = 290#, SITP = 30#. Bleed off csg & tbg. Fill hole w/ 129 bbls 2% KCL water. RU Halliburton Acid Crew. Pre-job safety meeting. Breakdown perfs @ 16550' - 16632' w/ tbg tail @ 16514'. Break @ 8273#. Pump 1000 gals 15% HCL & 90 Bio-balls. Flush w/ 74 bbls KCL water. Pumped 51 bbls into perfs (24 bbls acid & 27 bbls water). Total load to recover is 287 bbls. Pump 3 BPM @ 8600#. ISIP = 6968#. FG = (.86). RDMO Halliburton Acid Crew. Open tbg & flowed back 19 bbls. Tbg died. Swab tbg. Made 9 runs & recovered 67 bbls fluid. IFL @ surface. FFL = 3000'. Final csg = 0#. 220 BLLTR. Tbg wouldn't flow. SWIFN & lock rams. 24 Hour Forecast: Will swab & flow test. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/20/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE SICP = 690#, SITP = 960#. EOT @ 16514' w/ F-Nipple @ 16,481'. Bleed off tbg. Died in 10 minutes on 32/64" choke. No fluid flowed back. Swab tbg. Made 19 runs & recovered 106 bbls slightly gas cut fluid. IFL = 500'. FFL = 6500'. Final csg = 220#. Tbg wouldn't flow. 114 BLLTR. SWIFN & lock rams. 24 Hour Forecast: Will swab & flow test. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/21/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE SICP=610#. SITP=560#. EOT @ 16514' w/f-nipple @ 16,481'. Bleed off tbg. Died in 10 minutes on 32/64" choke. No fluid flowed back. Swab tbg. Made 15 runs & recovered 62 bbls slightly gas cut fluid. IFL=5200'. FFL=9000'. Final Csg=500#. Tbg hand weak blow for 1 minute after each run. 52 BLLTR. SWIFN & Lock rams. 24 Hour Forecast: Will swab & flow test. Csg Size: 4-1/2" 15.1# P-110 & Q-125

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/21/2007	06:00 - 16:00	10.00	SWAB	1	Csg Depth: 16,730' Load from yesterday: 114 Minus daily recovery: 62 Load left to recover: 52 Perfs Dakota 16629-32' 16595-04' 16550-58'
9/24/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE SICP = 750#, SITP = 410#. EOT @ 16,514' w/ F-Nipple @ 16,481'. Open tbg on 32/64" choke. Died in 10 minutes. No fluids flowed back. Swab tbg. Made 19 runs & recovered 76 bbls slightly gas cut fluid. IFL = 7,500'. FFL = 10,900'. Final csg = 680#. Tbg hand weak blow for 1 minute after each run. 24 bbls overload. Pulled water sample on last run of day. SWIFN & Lock rams. 24 Hour Forecast: Will POOH w/ tbg. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/25/2007	06:00 - 16:00	10.00	TRP	5	TIGHT HOLE SICP = 1525#, SITP = 1100#. EOT @ 16514' w/ F-Nipple @ 16,481'. Bleed off tbg & csg. Pump 10 bbls KCL water to control well. POOH laying down 270 jts 2-3/8" P-110 tbg to 8025'. SWIFN & lock rams. 24 Hour Forecast: Will POOH w/ tbg. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/26/2007	06:00 - 16:00	10.00	TRP	5	TIGHT HOLE SICP = 275#, SITP = 475#. Bleed off tbg & csg. Pump 15 bbls KCL water to control well. Finish POOH laying down 247 jts 2-3/8" P-110 tbg, 1.81" F-nipple & notch collar. ND 4" 15K BOP stack & NU 4" 15K frac valve. Shut well in. RDMO service rig & circ equipment. DISCONTINUE REPORT UNTIL FURTHER ACTIVITY. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730'

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/26/2007	06:00 - 16:00	10.00	TRP	5	Perfs Dakota 16629-32' 16595-04' 16550-58'

CONFIDENTIAL

43-047-34902
22 8s 21e

Questar E&P Page 1 of 17

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/10/2007	06:00 - 16:00	10.00	PERF	2	TIGHT HOLE - COMPLETION REPORT On 9/6/07 MIRU Cutters WL. RIH w/ 3.625" gauge ring to tag @ 16,650'. POOH w/ gauge ring. RIH w/ CBL tools, run CBL f/ 16,684' to 4,500'. TOC @ 4945'. On 9/7/07 MIRU Quick Test to pressure test csg & frac head to 11,500#. OK. Tested flow manifold to 8500#. OK. RIH w/ 3-1/8" csg guns & perforate Dakota intervals @ 3 SPF w/ Power Pak charges. Dakota intervals as follows: 16,629-32', 16,595-04', 16,550-58'. Didn't see any pressure change. 24 Hour Forecast: Discontinue report until further activity. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/11/2007	06:00 - 16:00	10.00	LOC	4	TIGHT HOLE - COMPLETION REPORT SICP = 3800#. On 9/10/07 MIRU Rocky Mtn Well Service. Open csg & flowed to pit thru choke manifold. Well died in 1 minute. Shut well in. Wait on 15K BOP. SDFN. 24 Hour Forecast: Will NU BOP & PU Tbg. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/12/2007	06:00 - 16:00	10.00	WOT	4	TIGHT HOLE - COMPLETION REPORT SICP = 950#. Open csg & flowed to pit thru choke manifold. Well died in 1 minute. Shut well in. Wait on 15K BOP. SDFN. 24 Hour Forecast: Will NU BOP & PU Tbg. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/13/2007	06:00 - 16:00	10.00	TRP	2	TIGHT HOLE - COMPLETION REPORT SICP = 500#. Open csg & flowed to pit through manifold. Well died in 1 minute. Install tbg hanger w/ bull plug in tbg head. ND frac valve & NU 4" 15K BOP (2 pipe rams w/ 1 blind ram). RU Quick Test & test BOP stack @ 11,000#. OK. Remove hanger f/ tbg head. PU, tally & rabbit in hole w/ notch collar, 1 jt 2-3/8" P-110 tbg, 1.81" "F" Nipple & 166 jts 2-3/8" new P-110 tbg to 5360'. SWIFN & Lock rams.

Printed: 11/7/2007 8:07:09 AM

RECEIVED
NOV 08 2007
DIV. OF OIL, GAS & MINING

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/18/2007	06:00 - 16:00	10.00	SWAB	1	Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/19/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE SICP = 290#, SITP = 30#. Bleed off csg & tbg. Fill hole w/ 129 bbls 2% KCL water. RU Halliburton Acid Crew. Pre-job safety meeting. Breakdown perfs @ 16550' - 16632' w/ tbg tail @ 16514'. Break @ 8273#. Pump 1000 gals 15% HCL & 90 Bio-balls. Flush w/ 74 bbls KCL water. Pumped 51 bbls into perfs (24 bbls acid & 27 bbls water). Total load to recover is 287 bbls. Pump 3 BPM @ 8600#. ISIP = 6968#. FG = (.86). RDMO Halliburton Acid Crew. Open tbg & flowed back 19 bbls. Tbg died. Swab tbg. Made 9 runs & recovered 67 bbls fluid. IFL @ surface. FFL = 3000'. Final csg = 0#. 220 BLLTR. Tbg wouldn't flow. SWIFN & lock rams. 24 Hour Forecast: Will swab & flow test. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/20/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE SICP = 690#, SITP = 960#. EOT @ 16514' w/ F-Nipple @ 16,481'. Bleed off tbg. Died in 10 minutes on 32/64" choke. No fluid flowed back. Swab tbg. Made 19 runs & recovered 106 bbls slightly gas cut fluid. IFL = 500'. FFL = 6500'. Final csg = 220#. Tbg wouldn't flow. 114 BLLTR. SWIFN & lock rams. 24 Hour Forecast: Will swab & flow test. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/21/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE SICP=610#. SITP=560#. EOT @ 16514' w/f-nipple @ 16,481'. Bleed off tbg. Died in 10 minutes on 32/64" choke. No fluid flowed back. Swab tbg. Made 15 runs & recovered 62 bbls slightly gas cut fluid. IFL=5200'. FFL=9000'. Final Csg=500#. Tbg hand weak blow for 1 minute after each run. 52 BLLTR. SWIFN & Lock rams. 24 Hour Forecast: Will swab & flow test. Csg Size: 4-1/2" 15.1# P-110 & Q-125

Printed: 11/7/2007 8:07:09 AM

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/18/2007	06:00 - 16:00	10.00	SWAB	1	Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/19/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE SICP = 290#, SITP = 30#. Bleed off csg & tbg. Fill hole w/ 129 bbls 2% KCL water. RU Halliburton Acid Crew. Pre-job safety meeting. Breakdown perfs @ 16550' - 16632' w/ tbg tail @ 16514'. Break @ 8273#. Pump 1000 gals 15% HCL & 90 Bio-balls. Flush w/ 74 bbls KCL water. Pumped 51 bbls into perfs (24 bbls acid & 27 bbls water). Total load to recover is 287 bbls. Pump 3 BPM @ 8600#. ISIP = 6968#. FG = (.86). RDMO Halliburton Acid Crew. Open tbg & flowed back 19 bbls. Tbg died. Swab tbg. Made 9 runs & recovered 67 bbls fluid. IFL @ surface. FFL = 3000'. Final csg = 0#. 220 BLLTR. Tbg wouldn't flow. SWIFN & lock rams. 24 Hour Forecast: Will swab & flow test. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/20/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE SICP = 690#, SITP = 960#. EOT @ 16514' w/ F-Nipple @ 16,481'. Bleed off tbg. Died in 10 minutes on 32/64" choke. No fluid flowed back. Swab tbg. Made 19 runs & recovered 106 bbls slightly gas cut fluid. IFL = 500'. FFL = 6500'. Final csg = 220#. Tbg wouldn't flow. 114 BLLTR. SWIFN & lock rams. 24 Hour Forecast: Will swab & flow test. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/21/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE SICP=610#. SITP=560#. EOT @ 16514' w/f-nipple @ 16,481'. Bleed off tbg. Died in 10 minutes on 32/64" choke. No fluid flowed back. Swab tbg. Made 15 runs & recovered 62 bbls slightly gas cut fluid. IFL=5200'. FFL=9000'. Final Csg=500#. Tbg hand weak blow for 1 minute after each run. 52 BLLTR. SWIFN & Lock rams. 24 Hour Forecast: Will swab & flow test. Csg Size: 4-1/2" 15.1# P-110 & Q-125

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/21/2007	06:00 - 16:00	10.00	SWAB	1	Csg Depth: 16,730' Load from yesterday: 114 Minus daily recovery: 62 Load left to recover: 52 Perfs Dakota 16629-32' 16595-04' 16550-58'
9/24/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE SICP = 750#, SITP = 410#. EOT @ 16,514' w/ F-Nipple @ 16,481'. Open tbg on 32/64" choke. Died in 10 minutes. No fluids flowed back. Swab tbg. Made 19 runs & recovered 76 bbls slightly gas cut fluid. IFL = 7,500'. FFL = 10,900'. Final csg = 680#. Tbg hand weak blow for 1 minute after each run. 24 bbls overload. Pulled water sample on last run of day. SWIFN & Lock rams. 24 Hour Forecast: Will POOH w/ tbg. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/25/2007	06:00 - 16:00	10.00	TRP	5	TIGHT HOLE SICP = 1525#, SITP = 1100#. EOT @ 16514' w/ F-Nipple @ 16,481'. Bleed off tbg & csg. Pump 10 bbls KCL water to control well. POOH laying down 270 jts 2-3/8" P-110 tbg to 8025'. SWIFN & lock rams. 24 Hour Forecast: Will POOH w/ tbg. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/26/2007	06:00 - 16:00	10.00	TRP	5	TIGHT HOLE SICP = 275#, SITP = 475#. Bleed off tbg & csg. Pump 15 bbls KCL water to control well. Finish POOH laying down 247 jts 2-3/8" P-110 tbg, 1.81" F-nipple & notch collar. ND 4" 15K BOP stack & NU 4" 15K frac valve. Shut well in. RDMO service rig & circ equipment. DISCONTINUE REPORT UNTIL FURTHER ACTIVITY. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730'

Printed: 11/7/2007 8:07:09 AM

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/26/2007	06:00 - 16:00	10.00	TRP	5	Perfs Dakota 16629-32' 16595-04' 16550-58'
10/24/2007	06:00 - 16:00	10.00	PERF	2	TIGHT HOLE On 10-23-07 MIRU Halliburton, OWP WL, Parchman flow back & Quick Test. ZONE #1- Dakota 16,550'-16632'. Break @ 8058#. Pump 1000 gal 15% Hcl & 358 bbls pad. Ramp 5-1# 100 mesh sand & 1-4# 30/50 Econoprop in 904 bbls 40# Hybor G fluid. Flush w/235 bbls wtr. Ave. Rate=27 bpm. Max. Rate=34 bpm. Ave Pressure= 9902#. Max Pressure=11160#. Total fluid=1452 bbls. Total sand=5000 lb of 100 mesh @ 81,300 lb of 30/50 sand. ISIP=9333#. FG=(1.0) ZONE #2 - Dakota Silt (16127'-16446'): Wireline set a comp.frac plug at 16480'. Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg.gun: Dakota Silt 16442-46'; 16311-14'; 16242-44'; 16127-29' (36 holes). Frac gross perforated Dakota Silt interval 16127' - 16446' down csg.using a slickwater system as follows: Pump 800 gal of 15% Hcl followed by a 477 bbl pad and stage 0.25 to 0.75 ppg 30/50 Econoprop sand in 1728 bbl.of fluid with 3 water spacers of 10000 gal.and flush with 239 bbl. of slick water. Total of 35,800 of sand and a total load of 3164 bbl..Max.rate=49 ' Ave=36 BPM; Max.psi=10546#; Ave=9715#; ISIP=7646 (.91). Lubricate in a comp.frac plug and set at 16050'. ZONE #3 - Frontier (15548' -15987'): Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg.gun: Fronter 15985-87'; 15917-19'; 15853-55'; 15799-81'; 15709-11'; 15607-09'; 15548-50' (42 holes). Frac gross perforated Frontier interval 15548-15987' down csg.using a slickwater system as follows: Pump 800 gal of 15% Hcl followed by a 477 bbl pad and stage 0.25 to 0.75 ppg 30/50 Econoprop sand in 1311 bbl.of fluid with 2 water spacers of 10000 gal. and flush with 10000 bbl.of slick water. Total of 24,600 of sand and a total load of 2529 bbl...Max.rate=3 4; Ave=31 BPM; Max.psi=10725#; Ave=9898#; ISIP=8150# (.95). Cut sand early due to net pressure. 69% sand placement. SDFN. 24 hr forecast will frac well. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota: 16629-32' 16595-04' 16550-58' Dakota Silt: 16127-29' 16242-44' 16311-14' 16442-46' Frontier: 15548-50' 15607-09' 15709-11' 15799-01' 15853-55'

Printed: 11/7/2007 8:07:09 AM

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/24/2007	06:00 - 16:00	10.00	PERF	2	15917-19' 15985-87'
10/25/2007	06:00 - 16:00	10.00	STIM	3	TIGHT HOLE On 10/24/07 Halliburton, OWP WL, Parchman Flow back & Quick Test still RU. Zone 4 - Mancos (15015' - 15408'). Wireline set a comp frac plug @ 15450'. Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun - Mancos 15406' - 15408'; 15341' - 15343';15224' - 15226'; 15153' - 15155'; 15109' - 15111'; 15056' - 15058'; 15015' - 15017' (42 holes). Frac gross perforated Mancos intervals 15015' - 15408' down csg using a slickwater system as follows: Pump 800 gals of 15% HCL followed by a 477 bbls pad and stage 0.25 to 0.75 ppg 30/50 Econoprop sand in 1700 bbls of fluid with 3 water spacers of 239 bbls and flush with 224 bbls of slick water. Total of 35,600# of sand and a total load of 3110 bbls. Max rate = 47 BPM, avg rate = 40 BPM; max psi = 11449#, avg psi = 10277#; ISIP = 8115# (.97). Lubricate in a comp frac plug and set at 14940'. Zone 5 - Mancos (14455' - 14873'). Perforate per the CBL log the following intervals at 3 JPF (120° pahsing) using a 2-1/2" csg gun - Mancos 14455' - 14457'; 14527' - 14529'; 14588' - 14590'; 14680' - 14682'; 14706' - 14708'; 14803' - 14805'; 14845' - 14847'; 14871' - 14873' (48 holes). Frac gross perforate Mancos interval 14455' - 14873' down csg using a slickwater system as follows: pump 800 gals of 15% HCL followed by a 477 bbl pad and stage 0.25 to 0.75 ppg 30/50 Econoprop sand in 1225 bbls of fluid with 2 water spacers of 239 bbls and flush with 216 bbls of slick water. Total of 20,500# of sand and a total load of 2395 bbls. Max rate = 40 BPM, avg rate = 27 BPM; max psi = 11242#, avg psi = 10267#, ISIP = 7903# (.98). Cut sand early due to net pressure, 57% sand placement. Lubricate in a comp frac plug and set at 14360'. Zone #6 - Mancos (13800' - 14332'). Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun - Mancos 13800' - 13802'; 13837' - 13839'; 13942' - 13944'; 14049' - 14051'; 14151' - 14153'; 14266' - 14268'; 14330' - 14332' (42 holes). Frac gross perforated Mancos interval 13800' - 14332' down csg using a slickwater system as follows: pump 80 gals of 15% HCL followed by a 478 bbls pad and stage 0.25 to 0.75 ppg 30/50 Econoprop sand in 1702 bbls of fluid with 3 water spacers of 181 bbls and flush with 206 bbls of slick water. Total of 34,900# of sand and a total load of 2908 bbls. Max rate = 48 BPM, avg rate = 41 BPM; max psi = 10785#, avg psi = 9914#; ISIP = 9539# (.95). Shte well in for night. 24 hr forecast: Will continue to frac well. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota: 16629-32' 16595-04' 16550-58' Dakota Silt: 16442-46' 16311-14' 16242-44' 16127-29' Frontier: 15985-87' 15917-19'

Printed: 11/7/2007 8:07:09 AM

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/25/2007	06:00 - 16:00	10.00	STIM	3	15853-55' 15799-01' 15709-11' 15607-09' 15548-50' Mancos: 15406-08' 15341-43' 15224-26' 15153-55' 15109-11' 15056-58' 15015-17' 14871-73' 14845-47' 14803-05' 14706-08' 14680-82' 14588-90' 14527-29' 14455-57' 14330-32' 14266-68' 14151-53' 14049-14051 13942-44' 13837-39' 13800-02'
10/26/2007	06:00 - 16:00	10.00	STIM	3	TIGHT HOLE On 10/25/07 Halliburton, OWP WL, Parchman flow back & Quick Test still RU. Zone #7 - Mancos (13193' - 13677'). Wireline set a comp frac plug @ 13720'. Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun - Mancos 13675' - 13677'; 13574' - 13576'; 13518' - 13520'; 13400' - 13402'; 13347' - 13449'; 13294' - 13296'; 13193' - 13195' (42 holes). Frac gross perforated Mancos interval 13193' - 13677' down csg using a slickwater system as follows: Pump 800 gals of 15% HCL followed by a 477 bbl pad & stage 0.25 to 0.75 ppg 30/50 Econoprop sand in 1239 bbls of fluid with 2 water spacers of 239, 301 bbls and flush with 210 bbls slick water. Total of 21,300# of sand and a total load of 2479 bbls. Max rate = 34 BPM, avg rate = 26 BPM; max psi = 11586#, avg psi = 9730#; ISIP = 6725# (.94). Lubricate in a comp frac plug and set at 14940'. Zone #8 - Mancos 'B' (12680' - 13078'). Perforate per CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun: Mancos 'B' 12680' - 12684'; 12726' - 12728'; 12807' - 12811'; 12887' - 12889'; 13076' - 13078' shot twice (48 holes). Frac gross perforated Mancos 'B' interval 12680' - 13078' down csg using a slickwater system as follows: Pump 800 gals of 15% HCL followed by a 478 bbl pad and stage 0.25 to 0.50 ppg 30/50 Econoprop sand in 805 bbls of fluid with 1 water spacer of 239 bbls and flush with 191 bbls of slick water. Total of 10,300# of sand and a total load of 1745 bbls. Max rate = 47 BPM, avg rate = 38 BPM; max psi = 11622#, avg psi = 8719#; ISIP = 5714# (.88). Cut sand early due to Halliburton pump trouble. 29% sand placement. Lubricate in a comp frac plug and set @ 12420'. Zone #9 - Blackhawk & Mancos 'B' (11829' - 12382'). Perforate per the CBL log the

Printed: 11/7/2007 8:07:09 AM

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/26/2007	06:00 - 16:00	10.00	STIM	3	following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun - Mancos 'B' & Blackhawk 11829' - 11833'; 11892' - 11896'; 11986' - 11990'; 12152' - 12154'; 12380' - 12382' (48 holes). SDFN. 24 hr forecast: Will continue to frac well. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota: 16629-32' 16595-04' 16550-58' Dakota Silt: 16442-46' 16311-14' 16242-44' 16127-29' Frontier: 15985-87' 15917-19' 15853-55' 15799-01' 15709-11' 15607-09' 15548-50' Mancos: 15406-08' 15341-43' 15224-26' 15153-55' 15109-11' 15056-58' 15015-17' 14871-73' 14845-47' 14803-05' 14706-08' 14680-82' 14588-90' 14527-29' 14455-57' 14330-32' 14266-68' 14151-53' 14049-14051 13942-44' 13837-39' 13800-02' 13675-39' 13574-76' 13518-20'

Printed: 11/7/2007 8:07:09 AM

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/26/2007	06:00 - 16:00	10.00	STIM	3	13400-02' 13347-49' 13294-96' 13193-95' Mancos 'B' 13076-78' (shot twice) 12887-89' 12807-11' 12726-28' 12680-12684' 12380-82' 12152-54' Blackhawk 11986-90' 11892-96' 11829-33'
10/29/2007	06:00 - 16:00	10.00	STIM	3	TIGHT HOLE On 10/26/07, Halliburton, OWP WL, Parchman flow back & Quick Test still RU. Zone 9 - Blackhawk & Mancos 'B' ('11829' - 12382'). Frac gross perforated interval down csg using a slickwater system as follows: Pump 800 gals of 15% HCL followed by a 727 bbls pad and stage 0.25 to 1.0 ppg 30/50 Econoprop sand in 3020 bbls of fluid with 3 water spacers of 239 bbls and flush with 178 bbls slick water. Total of 80,100# of sand and a total load of 4585 bbls. Max rate = 48 BPM, avg rate = 43 BPM, max psi = 11,482#, avg psi = 7821#, ISIP = 4930# (.84). Lubricate in a comp frac plug and set at 11,200'. Zone #10 - Lower Mesa Verde ('11008' - 11152'). Perforate per the CBL log the following intervals at 3JPF (120° phasing) using a 2-1/2" csg gun. Lower Mesa Verde - 11150' - 11152'; 11105' - 11109'; 11080' - 11084'; 11051' - 11053'; 11008' - 11012' (48 holes). Frac gross perforated Lower Mesa Verde interval 12680' - 13078' down csg using a 30# gel system as follows: Pump 800 gals of 15% HCL followed by a 161 bbls pad and stage 1#- 4# 20/40 PR-6000 sand in 550 bbl of fluid and flush with 156 bbls of slick water. Total of 50,700# of sand and a total load of 874 bbls. Max rate = 42 BPM; avg rate = 27 BPM; max psi = 11085#; avg psi = 8406#; ISIP = 4825# (.87). Lubricate in a comp frac plug and set @ 10740'. Zone #11 - Lower Mesa Verde (10458' - 10700'). Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun - Lower Mesa Verde - 10458' - 10460'; 10533' - 10537'; 10548' - 10550'; 10577' - 10579'; 10634' - 10638'; 10698' - 10700' (48 holes). Frac gross perforated Lower Mesa Verde interval 10458' - 10700' down csg using a 30# gel ssytem as follows: Pump 800 gals of 15% HCL followed by a 161 bbl pad and stage 1#- 4# 20/40 PR-6000 sand in 873 bbls of fluid and flush with 148 bbls of slick water. Total of 80,400# PR-6000 sand and a total load of 1226 bbls. Max rate = 52 BPM; avg rate = 37 BPM; max psi = 10104#; avg psi = 7985#; ISIP = 4230# (.84). Lubricate in a comp frac plug and set @ 9800'. Zone 12 - Mesa Verde (9489' - 9737'). Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun. Mesa Verde 9489' - 9497'; 9572' - 9576'; 9735' - 9737' (42 holes). Frac gross perforated Mesa Verde interval 9489' - 9737' down csg using a 25# gel system as follows: Pump 800 gals of 15% HCL followed by a 255 bbls pad and stage #1 - 4# 20/40 PR-6000 sand in 866 bbls of fluid and flush with 135 bbls of slick water. Total of 80,100# PR-6000 sand and a total load of 1207 bbl. Max rate = 48 BPM; avg rate = 42 BPM; max psi = 10145#; avg psi = 6743#; ISIP = 3295# (.78). Lubricate in a comp frac plug & set @ 9030'.

Printed: 11/7/2007 8:07:09 AM

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/29/2007	06:00 - 16:00	10.00	STIM	3	Zone #13 - Mesa Verde (8954' - 8981'). Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun. Mesa Verde 8954' - 8958'; 8977' - 8981' (24 holes). Frac gross perforated Mesa Verde 8954' - 8981' down csg using a 20# gel system as follows: Pump 800 gals of 15% HCL followed by a 238 bbl pad and stage 1#- 4# 20/40 PR-6000 sand in 835 bbls of fluid and flush with 127 bbls of slick water. Total of 73,800# PR-6000 sand and a total load of 1156 bbls. Max rate = 35 BPM; avg rate = 28 BPM; max psi = 11819#; avg psi = 5546#; ISIP = 5058# (1.0). Shut well in for 2 hrs. RDMO Halliburton, OWP Wireline & Quick Test. Turn well over to flow watch. Parchman flow back will be sending in report. 24 hr forecast: Discontinue report until drill out. LLTR: 28827 bbls Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota: 16629-32' 16595-04' 16550-58' Dakota Silt: 16442-46' 16311-14' 16242-44' 16127-29' Frontier: 15985-87' 15917-19' 15853-55' 15799-01' 15709-11' 15607-09' 15548-50' Mancos: 15406-08' 15341-43' 15224-26' 15153-55' 15109-11' 15056-58' 15015-17' 14871-73' 14845-47' 14803-05' 14706-08' 14680-82' 14588-90' 14527-29' 14455-57' 14330-32'

Printed: 11/7/2007 8:07:09 AM

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/29/2007	06:00 - 16:00	10.00	STIM	3	14266-68' 14151-53' 14049-14051 13942-44' 13837-39' 13800-02' 13675-39' 13574-76' 13518-20' 13400-02' 13347-49' 13294-96' 13193-95' Mancos 'B' 13076-78' (shot twice) 12887-89' 12807-11' 12726-28' 12680-12684' 12380-82' 12152-54' Blackhawk 11986-90' 11892-96' 11829-33' Lower Mesa Verde 11150-52' 11105-09' 11080-84' 11051-53' 11008-12' 10698' -10700' 10634-38' 10577-79' 10548-10550' 10533-37' 10458-10460' 9735-37' Mesa Verde 9572-76' 9489-97' 8977-81' 8954-58'
10/31/2007	06:00 - 16:00	10.00	BOP	2	TIGHT HOLE - Continuation of Completion Report. On 10/30/07 MIRU IPS Coil Tbg Unit, Baker Tools & Spirit Completion Fluids. Pressure test frac valves & flow manifold to 8000#. Function test BOP's. Pull test to 25,000# & pressure tested to 2500# Baker Tools. 24 hr forecast: More detailed report will be sent tomorrow. LLTR: 28827 bbls

Printed: 11/7/2007 8:07:09 AM

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/31/2007	06:00 - 16:00	10.00	BOP	2	Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota: 16629-32' 16595-04' 16550-58' Dakota Silt: 16442-46' 16311-14' 16242-44' 16127-29' Frontier: 15965-87' 15917-19' 15853-55' 15799-01' 15709-11' 15607-09' 15548-50' Mancos: 15406-08' 15341-43' 15224-26' 15153-55' 15109-11' 15056-58' 15015-17' 14871-73' 14845-47' 14803-05' 14706-08' 14680-82' 14588-90' 14527-29' 14455-57' 14330-32' 14266-68' 14151-53' 14049-14051 13942-44' 13837-39' 13800-02' 13675-39' 13574-76' 13518-20' 13400-02' 13347-49' 13294-96' 13193-95' Mancos 'B' 13076-78' (shot twice)

Questar E & P Page 13 of 17

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/31/2007	06:00 - 16:00	10.00	BOP	2	12887-89' 12807-11' 12726-28' 12680-12684' 12380-82' 12152-54' Blackhawk 11986-90' 11892-96' 11829-33' Lower Mesa Verde 11150-52' 11105-09' 11080-84' 11051-53' 11008-12' 10698' -10700' 10634-38' 10577-79' 10548-10550' 10533-37' 10458-10460' 9735-37' Mesa Verde 9572-76' 9489-97' 8977-81' 8954-58'
11/1/2007	06:00 - 16:00	10.00	BOP	2	TIGHT HOLE - Continuation of Completion Report. On 10/31/07 MIRU. 24 hr forecast: More detailed report will be sent tomorrow. LLTR: 28827 bbls Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota: 16629-32' 16595-04' 16550-58' Dakota Silt: 16442-46' 16311-14' 16242-44' 16127-29' Frontier: 15985-87' 15917-19' 15853-55' 15799-01'

Printed: 11/7/2007 8:07:09 AM

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/1/2007	06:00 - 16:00	10.00	BOP	2	15709-11' 15607-09' 15548-50' Mancos: 15406-08' 15341-43' 15224-26' 15153-55' 15109-11' 15056-58' 15015-17' 14871-73' 14845-47' 14803-05' 14706-08' 14680-82' 14588-90' 14527-29' 14455-57' 14330-32' 14266-68' 14151-53' 14049-14051 13942-44' 13837-39' 13800-02' 13675-39' 13574-76' 13518-20' 13400-02' 13347-49' 13294-96' 13193-95' Mancos 'B' 13076-78' (shot twice) 12887-89' 12807-11' 12726-28' 12680-12684' 12380-82' 12152-54' Blackhawk 11986-90' 11892-96' 11829-33' Lower Mesa Verde 11150-52' 11105-09' 11080-84' 11051-53' 11008-12' 10698' -10700' 10634-38'

Printed: 11/7/2007 8:07:09 AM

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/1/2007	06:00 - 16:00	10.00	BOP	2	10577-79' 10548-10550' 10533-37' 10458-10460' 9735-37' Mesa Verde 9572-76' 9489-97' 8977-81' 8954-58'
11/2/2007	06:00 - 16:00	10.00	TRP	9	TIGHT HOLE - On 10/30/07 - CP = 650#. MIRU IPS Coil Tbg and Baker Mud Motor and related equipment. RU BOP system with Bronco associated equipment. Make up a 3-5/8" mill, mud motor, circ sub, hydraulic disconnect, jars, BP Valve and coil connector to 1-3/4" coil tbg. Pressure test and test tools. RIH while circ at 1/2 BPM. Check weight at 9000' and indicated at 14M#. Increase circ rate to 1-3/4 BPM and having full returns. Continue in the hole and tag comp frac plug at 9030' and drill out. Gradually losing returns to 1.3 BPM. Continue in the hole and tag comp frac plug @ 9800' and start to pump N2 at 300-500 SCFM. Establish full returns and drill out composite frac plug @ 9800'. Continue in the hole and cut N2 with good flow and pressure back to surface and took kick at 9890' and stuck coil. Work coil to a max of 52M# with well flowing on a 32/64" choke at 4000-4100#. Attempt to set off jars at a max of 50M# and could not feel jars working. After plug #2 pumped a 10 bbl sweep and once stuck pumped a 20 bbl sweep with no success in moving coil. Work jars 4 times and on the 4th attempt appeared coil was free while pulling at 15-16M# acording to weight indicator and pulled approx 30' and lost weight. Presume coil parted. Pull coil into stack and SI master valve and related BOP equipment. On 10/31/07 - SICP = 4900#. Pull coil and coil parted. RIH on coil with a 3-1/2" impression block and tag at 48' down from gound level. Impression block indicated coil laying on side of csg with a 1-1/2" impression. RDMO IPS and Baker and related equipment. Open well and went to sales on AM of 11/1/07 at FCP = 5950# on a 10/64" choke at a rate of 1.7 MMCFD and approx 6 BPH of water. 24 Hour Forecast: Will continue to flow well via gas sales through Parchman. LLTR: 0 bbls Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' BHA: 3.63" Mill x 1.37' x 1" ID; (2): VIP Mud Motor: 2.88"OD x 11.80' long; (3): Dual circ sub: 2.88"OD x 1.30"x0.44" ID; (4): Univeral Hydraulic Disconnect: 2.88" OD x 0.56" ID x 1.30' ID x 1.30'; (5): Bowen Coil tbg jar: 2.88"ODx1.0"IDx6 .86';(6): Dual BP valve: 2.88"ODx1.0"IDx1 .94'; (7): Coil Connector: 2.88"ODx1.50"ID x1.2'; NOTE: PRIOR TO FISHING CHECK WITH BAKER TO CONFIRM FIGURES. RECOMMEND BAKER FOR FISHING . NOTE: COIL IS 1-3/4"OD X 1.414" ID; WT/FT = 2.656#/FT; GRADE; QT1000; WALL THICKNESS: 0.156" PINCHED ID ON END OF COIL PULLED IS 1.50". INDICATIONS ON IMPRESSION BLOCK INDICATE 1-1/2" LOOKING UP. APPROX 9830' OF COIL AND BHA LEFT IN WELLBORE. Perfs Dakota:

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/2/2007	06:00 - 16:00	10.00	TRP	9	16629-32' 16595-04' 16550-58' Dakota Silt: 16442-46' 16311-14' 16242-44' 16127-29' Frontier: 15985-87' 15917-19' 15853-55' 15799-01' 15709-11' 15607-09' 15548-50' Mancos: 15406-08' 15341-43' 15224-26' 15153-55' 15109-11' 15056-58' 15015-17' 14871-73' 14845-47' 14803-05' 14706-08' 14680-82' 14588-90' 14527-29' 14455-57' 14330-32' 14266-68' 14151-53' 14049-14051 13942-44' 13837-39' 13800-02' 13675-39' 13574-76' 13518-20' 13400-02' 13347-49' 13294-96' 13193-95' Mancos 'B' 13076-78' (shot twice) 12887-89' 12807-11' 12726-28' 12680-12684' 12380-82'

Printed: 11/7/2007 8:07:09 AM

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/2/2007	06:00 - 16:00	10.00	TRP	9	12152-54' Blackhawk 11986-90' 11892-96' 11829-33' Lower Mesa Verde 11150-52' 11105-09' 11080-84' 11051-53' 11008-12' 10698' -10700' 10634-38' 10577-79' 10548-10550' 10533-37' 10458-10460' 9735-37' Mesa Verde 9572-76' 9489-97' 8977-81' 8954-58'

Printed: 11/7/2007 8:07:09 AM

CONFIDENTIAL

43-047-34902

Questar E & P

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/10/2007	06:00 - 16:00	10.00	PERF	2	TIGHT HOLE - COMPLETION REPORT On 9/6/07 MIRU Cutters WL. RIH w/ 3.625" gauge ring to tag @ 16,650'. POOH w/ gauge ring. RIH w/ CBL tools, run CBL f/ 16,684' to 4,500'. TOC @ 4945'. On 9/7/07 MIRU Quick Test to pressure test csg & frac head to 11,500#. OK. Tested flow manifold to 8500#. OK. RIH w/ 3-1/8" csg guns & perforate Dakota intervals @ 3 SPF w/ Power Pak charges. Dakota intervals as follows: 16,629-32', 16,595-04', 16,550-58'. Didn't see any pressure change. 24 Hour Forecast: Discontinue report until further activity. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/11/2007	06:00 - 16:00	10.00	LOC	4	TIGHT HOLE - COMPLETION REPORT SICP = 3800#. On 9/10/07 MIRU Rocky Mtn Well Service. Open csg & flowed to pit thru choke manifold. Well died in 1 minute. Shut well in. Wait on 15K BOP. SDFN. 24 Hour Forecast: Will NU BOP & PU Tbg. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/12/2007	06:00 - 16:00	10.00	WOT	4	TIGHT HOLE - COMPLETION REPORT SICP = 950#. Open csg & flowed to pit thru choke manifold. Well died in 1 minute. Shut well in. Wait on 15K BOP. SDFN. 24 Hour Forecast: Will NU BOP & PU Tbg. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/13/2007	06:00 - 16:00	10.00	TRP	2	TIGHT HOLE - COMPLETION REPORT SICP = 500#. Open csg & flowed to pit through manifold. Well died in 1 minute. Install tbg hanger w/ bull plug in tbg head. ND frac valve & NU 4" 15K BOP (2 pipe rams w/ 1 blind ram). RU Quick Test & test BOP stack @ 11,000#. OK. Remove hanger f/ tbg head. PU, tally & rabbit in hole w/ notch collar, 1 jt 2-3/8" P-110 tbg, 1.81" "F" Nipple & 166 jts 2-3/8" new P-110 tbg to 5360'. SWIFN & Lock rams.

Printed: 12/3/2007 11:07:41 AM

RECEIVED

DEC 03 2007

DIV. OF OIL, GAS & MINING

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/13/2007	06:00 - 16:00	10.00	TRP	2	Pumped 20 bbls 2% KCL water to control tbg. 24 Hour Forecast: Will PU Tbg. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/14/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE --SICP=450# Open csg & flowed to pit thru choke manifold. Well died in 1 minute. Pump 10 bbls KCL wtr to control tbg. Finish PU, tally & rabbit in hole w/notch collar, 1 jt 2 3/8" P-110 tbg, 1.81" f-nipple & 2 3/8" new P-110 tbg. Tag PBTD @ 16,687' (btm perf @ 16,632'). LD 6 jts tbg. Land tbg in wellhead at 16514' w/f-nipple @ 16,481'. SWIFN & Lock rams. 24 Hour Forecast: will swab tbg. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/17/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE SICP = 800#, SITP = 650#. Open tbg & flowed to pit thru choke manifold. Well died in 1 minute with F-nipple @ 16,481'. Swab tbg. Made 17 swab runs & recovered 100 bbls slightly gas cut fluid. IFL = surface. FFL = 6600'. Final csg = 50#. Tbg wouldn't flow. 150 BLLTR. SWIFWE & Lock rams. 24 Hour Forecast: Will swab tbg. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/18/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE SICP = 350#, SITP = 190#. Open tbg & flowed to pit thru choke manifold. No fluid. With F-nipple @ 16,481'. Swab tbg. Made 13 swabs runs & recovered 58 bbls slightly gas cut fluid. IFL = 6250'. FFL = 10100'. Final csg = 250#. Tbg wouldn't flow. 92 BLLTR. SWIFN & lock rams. 24 Hour Forecast: Will pump 1000 gals acid job.

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/18/2007	06:00 - 16:00	10.00	SWAB	1	Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/19/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE SICP = 290#, SITP = 30#. Bleed off csg & tbg. Fill hole w/ 129 bbls 2% KCL water. RU Halliburton Acid Crew. Pre-job safety meeting. Breakdown perfs @ 16550' - 16632' w/ tbg tail @ 16514'. Break @ 8273#. Pump 1000 gals 15% HCL & 90 Bio-balls. Flush w/ 74 bbls KCL water. Pumped 51 bbls into perfs (24 bbls acid & 27 bbls water). Total load to recover is 287 bbls. Pump 3 BPM @ 8600#. ISIP = 6968#. FG = (.86). RDMO Halliburton Acid Crew. Open tbg & flowed back 19 bbls. Tbg died. Swab tbg. Made 9 runs & recovered 67 bbls fluid. IFL @ surface. FFL = 3000'. Final csg = 0#. 220 BLLTR. Tbg wouldn't flow. SWIFN & lock rams. 24 Hour Forecast: Will swab & flow test. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/20/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE SICP = 690#, SITP = 960#. EOT @ 16514' w/ F-Nipple @ 16,481'. Bleed off tbg. Died in 10 minutes on 32/64" choke. No fluid flowed back. Swab tbg. Made 19 runs & recovered 106 bbls slightly gas cut fluid. IFL = 500'. FFL = 6500'. Final csg = 220#. Tbg wouldn't flow. 114 BLLTR. SWIFN & lock rams. 24 Hour Forecast: Will swab & flow test. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/21/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE SICP=610#. SITP=560#. EOT @ 16514' w/f-nipple @ 16,481'. Bleed off tbg. Died in 10 minutes on 32/64" choke. No fluid flowed back. Swab tbg. Made 15 runs & recovered 62 bbls slightly gas cut fluid. IFL=5200'. FFL=9000'. Final Csg=500#. Tbg hand weak blow for 1 minute after each run. 52 BLLTR. SWIFN & Lock rams. 24 Hour Forecast: Will swab & flow test. Csg Size: 4-1/2" 15.1# P-110 & Q-125

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/21/2007	06:00 - 16:00	10.00	SWAB	1	Csg Depth: 16,730' Load from yesterday: 114 Minus daily recovery: 62 Load left to recover: 52 Perfs Dakota 16629-32' 16595-04' 16550-58'
9/24/2007	06:00 - 16:00	10.00	SWAB	1	TIGHT HOLE SICP = 750#, SITP = 410#. EOT @ 16,514' w/ F-Nipple @ 16,481'. Open tbg on 32/64" choke. Died in 10 minutes. No fluids flowed back. Swab tbg. Made 19 runs & recovered 76 bbls slightly gas cut fluid. IFL = 7,500'. FFL = 10,900'. Final csg = 680#. Tbg hand weak blow for 1 minute after each run. 24 bbls overload. Pulled water sample on last run of day. SWIFN & Lock rams. 24 Hour Forecast: Will POOH w/ tbg. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/25/2007	06:00 - 16:00	10.00	TRP	5	TIGHT HOLE SICP = 1525#, SITP = 1100#. EOT @ 16514' w/ F-Nipple @ 16,481'. Bleed off tbg & csg. Pump 10 bbls KCL water to control well. POOH laying down 270 jts 2-3/8" P-110 tbg to 8025'. SWIFN & lock rams. 24 Hour Forecast: Will POOH w/ tbg. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota 16629-32' 16595-04' 16550-58'
9/26/2007	06:00 - 16:00	10.00	TRP	5	TIGHT HOLE SICP = 275#, SITP = 475#. Bleed off tbg & csg. Pump 15 bbls KCL water to control well. Finish POOH laying down 247 jts 2-3/8" P-110 tbg, 1.81" F-nipple & notch collar. ND 4" 15K BOP stack & NU 4" 15K frac valve. Shut well in. RDMO service rig & circ equipment. DISCONTINUE REPORT UNTIL FURTHER ACTIVITY. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730'

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/26/2007	06:00 - 16:00	10.00	TRP	5	Perfs Dakota 16629-32' 16595-04' 16550-58'
10/24/2007	06:00 - 16:00	10.00	PERF	2	TIGHT HOLE On 10-23-07 MIRU Halliburton, OWP WL, Parchman flow back & Quick Test. ZONE #1- Dakota 16,550'-16632'. Break @ 8058#. Pump 1000 gal 15% Hcl & 358 bbls pad. Ramp 5-1# 100 mesh sand & 1-4# 30/50 Econoprop in 904 bbls 40# Hybor G fluid. Flush w/235 bbls wtr. Ave. Rate=27 bpm. Max. Rate=34 bpm. Ave Pressure= 9902#. Max Pressure=11160#. Total fluid=1452 bbls. Total sand=5000 lb of 100 mesh @ 81,300 lb of 30/50 sand. ISIP=9333#. FG=(1.0) ZONE #2 - Dakota Silt (16127'-16446'): Wireline set a comp.frac plug at 16480'. Perforate per the CBL log the following intervals at 3 JPF (120* phasing) using a 2-1/2" csg.gun: Dakota Silt 16442-46'; 16311-14'; 16242-44'; 16127-29' (36 holes). Frac gross perforated Dakota Silt interval 16127' - 16446' down csg.using a slickwater system as follows: Pump 800 gal of 15% Hcl followed by a 477 bbl pad and stage 0.25 to 0.75 ppg 30/50 Econoprop sand in 1728 bbl.of fluid with 3 water spacers of 10000 gal.and flush with 239 bbl. of slick water. Total of 35,800 of sand and a total load of 3164 bbl..Max.rate=49' Ave=36 BPM; Max.psi=10546#; Ave=9715#; ISIP=7646 (.91). Lubricate in a comp.frac plug and set at 16050'. ZONE #3 - Frontier (15548' -15987'): Perforate per the CBL log the following intervals at 3 JPF (120* phasing) using a 2-1/2" csg.gun: Fronter 15985-87'; 15917-19'; 15853-55'; 15799-81'; 15709-11'; 15607-09'; 15548-50' (42 holes). Frac gross perforated Frontier interval 15548-15987' down csg.using a slickwater system as follows: Pump 800 gal of 15% Hcl followed by a 477 bbl pad and stage 0.25 to 0.75 ppg 30/50 Econoprop sand in 1311 bbl.of fluid with 2 water spacers of 10000 gal. and flush with 10000 bbl.of slick water. Total of 24,600 of sand and a total load of 2529 bbl...Max.rate=34; Ave=31 BPM; Max.psi=10725#; Ave=9898#; ISIP=8150# (.95). Cut sand early due to net pressure. 69% sand placement. SDFN. 24 hr forecast will frac well. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota: 16629-32' 16595-04' 16550-58' Dakota Silt: 16127-29' 16242-44' 16311-14' 16442-46' Frontier: 15548-50' 15607-09' 15709-11' 15799-01' 15853-55'

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/24/2007	06:00 - 16:00	10.00	PERF	2	15917-19' 15985-87'
10/25/2007	06:00 - 16:00	10.00	STIM	3	TIGHT HOLE On 10/24/07 Halliburton, OWP WL, Parchman Flow back & Quick Test still RU. Zone 4 - Mancos (15015' - 15408'). Wireline set a comp frac plug @ 15450'. Perforate per the CBL log the following intervals at 3 JPF (120* phasing) using a 2-1/2" csg gun - Mancos 15406' - 15408'; 15341' - 15343';15224' - 15226'; 15153' - 15155'; 15109' - 15111'; 15056' - 15058'; 15015' - 15017' (42 holes). Frac gross perforated Mancos intervals 15015' - 15408' down csg using a slickwater system as follows: Pump 800 gals of 15% HCL followed by a 477 bbls pad and stage 0.25 to 0.75 ppg 30/50 Econoprop sand in 1700 bbls of fluid with 3 water spacers of 239 bbls and flush with 224 bbls of slick water. Total of 35,600# of sand and a total load of 3110 bbls. Max rate = 47 BPM, avg rate = 40 BPM; max psi = 11449#, avg psi = 10277#; ISIP = 8115# (.97). Lubricate in a comp frac plug and set at 14940'. Zone 5 - Mancos (14455' - 14873'). Perforate per the CBL log the following intervals at 3 JPF (120* pahsing) using a 2-1/2" csg gun - Mancos 14455' - 14457'; 14527' - 14529'; 14588' - 14590'; 14680' - 14682'; 14706' - 14708'; 14803' - 14805'; 14845' - 14847'; 14871' - 14873' (48 holes). Frac gross perforate Mancos interval 14455' - 14873' down csg using a slickwater system as follows: pump 800 gals of 15% HCL followed by a 477 bbl pad and stage 0.25 to 0.75 ppg 30/50 Econoprop sand in 1225 bbls of fluid with 2 water spacers of 239 bbls and flush with 216 bbls of slick water. Total of 20,500# of sand and a total load of 2395 bbls. Max rate = 40 BPM, avg rate = 27 BPM; max psi = 11242#, avg psi = 10267#, ISIP = 7903# (.98). Cut sand early due to net pressure, 57% sand placement. Lubricate in a comp frac plug and set at 14360'. Zone #6 - Mancos (13800' - 14332'). Perforate per the CBL log the following intervals at 3 JPF (120* phasing) using a 2-1/2" csg gun - Mancos 13800' - 13802'; 13837' - 13839'; 13942' - 13944'; 14049' - 14051'; 14151' - 14153'; 14266' - 14268'; 14330' - 14332' (42 holes). Frac gross perforated Mancos interval 13800' - 14332' down csg using a slickwater system as follows: pump 80 gals of 15% HCL followed by a 478 bbls pad and stage 0.25 to 0.75 ppg 30/50 Econoprop sand in 1702 bbls of fluid with 3 water spacers of 181 bbls and flush with 206 bbls of slick water. Total of 34,900# of sand and a total load of 2908 bbls. Max rate = 48 BPM, avg rate = 41 BPM; max psi = 10785#, avg psi = 9914#; ISIP = 9539# (.95). Shte well in for night. 24 hr forecast: Will continue to frac well. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota: 16629-32' 16595-04' 16550-58' Dakota Silt: 16442-46' 16311-14' 16242-44' 16127-29' Frontier: 15985-87' 15917-19'

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/25/2007	06:00 - 16:00	10.00	STIM	3	15853-55' 15799-01' 15709-11' 15607-09' 15548-50' Mancos: 15406-08' 15341-43' 15224-26' 15153-55' 15109-11' 15056-58' 15015-17' 14871-73' 14845-47' 14803-05' 14706-08' 14680-82' 14588-90' 14527-29' 14455-57' 14330-32' 14266-68' 14151-53' 14049-14051 13942-44' 13837-39' 13800-02'
10/26/2007	06:00 - 16:00	10.00	STIM	3	TIGHT HOLE On 10/25/07 Halliburton, OWP WL, Parchman flow back & Quick Test still RU. Zone #7 - Mancos (13193' - 13677'). Wireline set a comp frac plug @ 13720'. Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun - Mancos 13675' - 13677'; 13574' - 13576'; 13518' - 13520'; 13400' - 13402'; 13347' - 13449'; 13294' - 13296'; 13193' - 13195' (42 holes). Frac gross perforated Mancos interval 13193' - 13677' down csg using a slickwater system as follows: Pump 800 gals of 15% HCL followed by a 477 bbl pad & stage 0.25 to 0.75 ppg 30/50 Econoprop sand in 1239 bbls of fluid with 2 water spacers of 239, 301 bbls and flush with 210 bbls slick water. Total of 21,300# of sand and a total load of 2479 bbls. Max rate = 34 BPM, avg rate = 26 BPM; max psi = 11586#, avg psi = 9730#; ISIP = 6725# (.94). Lubricate in a comp frac plug and set at 14940'. Zone #8 - Mancos 'B' (12680' - 13078'). Perforate per CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun: Mancos 'B' 12680' - 12684'; 12726' - 12728'; 12807' - 12811'; 12887' - 12889'; 13076' - 13078' shot twice (48 holes). Frac gross perforated Mancos 'B' interval 12680' - 13078' down csg using a slickwater system as follows: Pump 800 gals of 15% HCL followed by a 478 bbl pad and stage 0.25 to 0.50 ppg 30/50 Econoprop sand in 805 bbls of fluid with 1 water spacer of 239 bbls and flush with 191 bbls of slick water. Total of 10,300# of sand and a total load of 1745 bbls. Max rate = 47 BPM, avg rate = 38 BPM; max psi = 11622#, avg psi = 8719#; ISIP = 5714# (.88). Cut sand early due to Halliburton pump trouble. 29% sand placement. Lubricate in a comp frac plug and set @ 12420'. Zone #9 - Blackhawk & Mancos 'B' (11829' - 12382'). Perforate per the CBL log the

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/26/2007	06:00 - 16:00	10.00	STIM	3	following intervals at 3 JPF (120* phasing) using a 2-1/2" csg gun - Mancos 'B' & Blackhawk 11829' - 11833'; 11892' - 11896'; 11986' - 11990'; 12152' - 12154'; 12380' - 12382' (48 holes). SDFN. 24 hr forecast: Will continue to frac well. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota: 16629-32' 16595-04' 16550-58' Dakota Silt: 16442-46' 16311-14' 16242-44' 16127-29' Frontier: 15985-87' 15917-19' 15853-55' 15799-01' 15709-11' 15607-09' 15548-50' Mancos: 15406-08' 15341-43' 15224-26' 15153-55' 15109-11' 15056-58' 15015-17' 14871-73' 14845-47' 14803-05' 14706-08' 14680-82' 14588-90' 14527-29' 14455-57' 14330-32' 14266-68' 14151-53' 14049-14051 13942-44' 13837-39' 13800-02' 13675-39' 13574-76' 13518-20'

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/26/2007	06:00 - 16:00	10.00	STIM	3	13400-02' 13347-49' 13294-96' 13193-95' Mancos 'B' 13076-78' (shot twice) 12887-89' 12807-11' 12726-28' 12680-12684' 12380-82' 12152-54' Blackhawk 11986-90' 11892-96' 11829-33'
10/29/2007	06:00 - 16:00	10.00	STIM	3	TIGHT HOLE On 10/26/07, Halliburton, OWP WL, Parchman flow back & Quick Test still RU. Zone 9 - Blackhawk & Mancos 'B' (11829' - 12382'). Frac gross perforated interval down csg using a slickwater system as follows: Pump 800 gals of 15% HCL followed by a 727 bbls pad and stage 0.25 to 1.0 ppg 30/50 Econoprop sand in 3020 bbls of fluid with 3 water spacers of 239 bbls and flush with 178 bbls slick water. Total of 80,100# of sand and a total load of 4585 bbls. Max rate = 48 BPM, avg rate = 43 BPM, max psi = 11,482#, avg psi = 7821#, ISIP = 4930# (.84). Lubricate in a comp frac plug and set at 11,200'. Zone #10 - Lower Mesa Verde (11008' - 11152'). Perforate per the CBL log the following intervals at 3JPF (120° phasing) using a 2-1/2" csg gun. Lower Mesa Verde - 11150' - 11152'; 11105' - 11109'; 11080' - 11084'; 11051' - 11053'; 11008' - 11012' (48 holes). Frac gross perforated Lower Mesa Verde interval 12680' - 13078' down csg using a 30# gel system as follows: Pump 800 gals of 15% HCL followed by a 161 bbls pad and stage 1# - 4# 20/40 PR-6000 sand in 550 bbl of fluid and flush with 156 bbls of slick water. Total of 50,700# of sand and a total load of 874 bbls. Max rate = 42 BPM; avg rate = 27 BPM; max psi = 11085#; avg psi = 8406#; ISIP = 4825# (.87). Lubricate in a comp frac plug and set @ 10740'. Zone #11 - Lower Mesa Verde (10458' - 10700'). Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun - Lower Mesa Verde - 10458' - 10460'; 10533' - 10537'; 10548' - 10550'; 10577' - 10579'; 10634' - 10638'; 10698' - 10700' (48 holes). Frac gross perforated Lower Mesa Verde interval 10458' - 10700' down csg using a 30# gel ssytem as follows: Pump 800 gals of 15% HCL followed by a 161 bbl pad and stage 1# - 4# 20/40 PR-6000 sand in 873 bbls of fluid and flush with 148 bbls of slick water. Total of 80,400# PR-6000 sand and a total load of 1226 bbls. Max rate = 52 BPM; avg rate = 37 BPM; max psi = 10104#; avg psi = 7985#; ISIP = 4230# (.84). Lubricate in a comp frac plug and set @ 9800'. Zone 12 - Mesa Verde (9489' - 9737'). Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun. Mesa Verde 9489' - 9497'; 9572' - 9576'; 9735' - 9737' (42 holes). Frac gross perforated Mesa Verde interval 9489' - 9737' down csg using a 25# gel system as follows: Pump 800 gals of 15% HCL followed by a 255 bbls pad and stage #1 - 4# 20/40 PR-6000 sand in 866 bbls of fluid and flush with 135 bbls of slick water. Total of 80,100# PR-6000 sand and a total load of 1207 bbl. Max rate = 48 BPM; avg rate = 42 BPM; max psi = 10145#; avg psi = 6743#; ISIP = 3295# (.78). Lubricate in a comp frac plug & set @ 9030'.

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/29/2007	06:00 - 16:00	10.00	STIM	3	Zone #13 - Mesa Verde (8954' - 8981'). Perforate per the CBL log the following intervals at 3 JPF (120° phasing) using a 2-1/2" csg gun. Mesa Verde 8954' - 8958'; 8977' - 8981' (24 holes). Frac gross perforated Mesa Verde 8954' - 8981' down csg using a 20# gel system as follows: Pump 800 gals of 15% HCL followed by a 238 bbl pad and stage 1# - 4# 20/40 PR-6000 sand in 835 bbls of fluid and flush with 127 bbls of slick water. Total of 73,800# PR-6000 sand and a total load of 1156 bbls. Max rate = 35 BPM; avg rate = 28 BPM; max psi = 11819#; avg psi = 5546#; ISIP = 5058# (1.0). Shut well in for 2 hrs. RDMO Halliburton, OWP Wireline & Quick Test. Turn well over to flow watch. Parchman flow back will be sending in report. 24 hr forecast: Discontinue report until drill out. LLTR: 28827 bbls Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota: 16629-32' 16595-04' 16550-58' Dakota Silt: 16442-46' 16311-14' 16242-44' 16127-29' Frontier: 15985-87' 15917-19' 15853-55' 15799-01' 15709-11' 15607-09' 15548-50' Mancos: 15406-08' 15341-43' 15224-26' 15153-55' 15109-11' 15056-58' 15015-17' 14871-73' 14845-47' 14803-05' 14706-08' 14680-82' 14588-90' 14527-29' 14455-57' 14330-32'

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/29/2007	06:00 - 16:00	10.00	STIM	3	14266-68' 14151-53' 14049-14051 13942-44' 13837-39' 13800-02' 13675-39' 13574-76' 13518-20' 13400-02' 13347-49' 13294-96' 13193-95' Mancos 'B' 13076-78' (shot twice) 12887-89' 12807-11' 12726-28' 12680-12684' 12380-82' 12152-54' Blackhawk 11986-90' 11892-96' 11829-33' Lower Mesa Verde 11150-52' 11105-09' 11080-84' 11051-53' 11008-12' 10698' -10700' 10634-38' 10577-79' 10548-10550' 10533-37' 10458-10460' 9735-37' Mesa Verde 9572-76' 9489-97' 8977-81' 8954-58'
10/31/2007	06:00 - 16:00	10.00	BOP	2	TIGHT HOLE - Continuation of Completion Report. On 10/30/07 MIRU IPS Coil Tbg Unit, Baker Tools & Spirit Completion Fluids. Pressure test frac valves & flow manifold to 8000#. Function test BOP's. Pull test to 25,000# & pressure tested to 2500# Baker Tools. 24 hr forecast: More detailed report will be sent tomorrow. LLTR: 28827 bbls

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/31/2007	06:00 - 16:00	10.00	BOP	2	Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota: 16629-32' 16595-04' 16550-58' Dakota Silt: 16442-46' 16311-14' 16242-44' 16127-29' Frontier: 15985-87' 15917-19' 15853-55' 15799-01' 15709-11' 15607-09' 15548-50' Mancos: 15406-08' 15341-43' 15224-26' 15153-55' 15109-11' 15056-58' 15015-17' 14871-73' 14845-47' 14803-05' 14706-08' 14680-82' 14588-90' 14527-29' 14455-57' 14330-32' 14266-68' 14151-53' 14049-14051 13942-44' 13837-39' 13800-02' 13675-39' 13574-76' 13518-20' 13400-02' 13347-49' 13294-96' 13193-95' Mancos 'B' 13076-78' (shot twice)

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/31/2007	06:00 - 16:00	10.00	BOP	2	12887-89' 12807-11' 12726-28' 12680-12684' 12380-82' 12152-54' Blackhawk 11986-90' 11892-96' 11829-33' Lower Mesa Verde 11150-52' 11105-09' 11080-84' 11051-53' 11008-12' 10698' -10700' 10634-38' 10577-79' 10548-10550' 10533-37' 10458-10460' 9735-37' Mesa Verde 9572-76' 9489-97' 8977-81' 8954-58'
11/1/2007	06:00 - 16:00	10.00	BOP	2	TIGHT HOLE - Continuation of Completion Report. On 10/31/07 MIRU. 24 hr forecast: More detailed report will be sent tomorrow. LLTR: 28827 bbls Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' Perfs Dakota: 16629-32' 16595-04' 16550-58' Dakota Silt: 16442-46' 16311-14' 16242-44' 16127-29' Frontier: 15985-87' 15917-19' 15853-55' 15799-01'

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/1/2007	06:00 - 16:00	10.00	BOP	2	15709-11' 15607-09' 15548-50' Mancos: 15406-08' 15341-43' 15224-26' 15153-55' 15109-11' 15056-58' 15015-17' 14871-73' 14845-47' 14803-05' 14706-08' 14680-82' 14588-90' 14527-29' 14455-57' 14330-32' 14266-68' 14151-53' 14049-14051 13942-44' 13837-39' 13800-02' 13675-39' 13574-76' 13518-20' 13400-02' 13347-49' 13294-96' 13193-95' Mancos 'B' 13076-78' (shot twice) 12887-89' 12807-11' 12726-28' 12680-12684' 12380-82' 12152-54' Blackhawk 11986-90' 11892-96' 11829-33' Lower Mesa Verde 11150-52' 11105-09' 11080-84' 11051-53' 11008-12' 10698' -10700' 10634-38'

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/1/2007	06:00 - 16:00	10.00	BOP	2	10577-79' 10548-10550' 10533-37' 10458-10460' 9735-37' Mesa Verde 9572-76' 9489-97' 8977-81' 8954-58'
11/2/2007	06:00 - 16:00	10.00	TRP	9	TIGHT HOLE - On 10/30/07 - CP = 650#. MIRU IPS Coil Tbg and Baker Mud Motor and related equipment. RU BOP system with Bronco associated equipment. Make up a 3-5/8" mill, mud motor, circ sub, hydraulic disconnect, jars, BP Valve and coil connector to 1-3/4" coil tbg. Pressure test and test tools. RIH while circ at 1/2 BPM. Check weight at 9000' and indicated at 14M#. Increase circ rate to 1-3/4 BPM and having full returns. Continue in the hole and tag comp frac plug at 9030' and drill out. Gradually losing returns to 1.3 BPM. Continue in the hole and tag comp frac plug @ 9800' and start to pump N2 at 300-500 SCFM. Establish full returns and drill out composite frac plug @ 9800'. Continue in the hole and cut N2 with good flow and pressure back to surface and took kick at 9890' and stuck coil. Work coil to a max of 52M# with well flowing on a 32/64" choke at 4000-4100#. Attempt to set off jars at a max of 50M# and could not feel jars working. After plug #2 pumped a 10 bbl sweep and once stuck pumped a 20 bbl sweep with no success in moving coil. Work jars 4 times and on the 4th attempt appeared coil was free while pulling at 15-16M# accrding to weight indicator and pulled approx 30' and lost weight. Presume coil parted. Pull coil into stack and SI master valve and related BOP equipment. On 10/31/07 - SICP = 4900#. Pull coil and coil parted. RIH on coil with a 3-1/2" impression block and tag at 48' down from gound level. Impression block indicated coil laying on side of csg with a 1-1/2" impression. RDMO IPS and Baker and related equipment. Open well and went to sales on AM of 11/1/07 at FCP = 5950# on a 10/64" choke at a rate of 1.7 MMCFD and approx 6 BPH of water. 24 Hour Forecast: Will continue to flow well via gas sales through Parchman. LLTR: 0 bbls Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16,730' BHA: 3.63" Mill x 1.37' x 1" ID; (2): VIP Mud Motor: 2.88"OD x 11.80' long; (3): Dual circ sub: 2.88"OD x 1.30"x0.44" ID; (4): Univeral Hydraulic Disconnect: 2.88" OD x 0.56" ID x 1.30' ID x 1.30'; (5): Bowen Coil tbg jar: 2.88"ODx1.0"IDx6.86';(6): Dual BP valve: 2.88"ODx1.0"IDx1.94'; (7): Coil Connector: 2.88"ODx1.50"ID x1.2': NOTE: PRIOR TO FISHING CHECK WITH BAKER TO CONFIRM FIGURES. RECOMMEND BAKER FOR FISHING . NOTE: COIL IS 1-3/4"OD X 1.414" ID; WT/FT = 2.656#/FT; GRADE; QT1000; WALL THICKNESS: 0.156" PINCHED ID ON END OF COIL PULLED IS 1.50". INDICATIONS ON IMPRESSION BLOCK INDICATE 1-1/2" LOOKING UP. APPROX 9830' OF COIL AND BHA LEFT IN WELLBORE. Perfs Dakota:

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/2/2007	06:00 - 16:00	10.00	TRP	9	16629-32' 16595-04' 16550-58' Dakota Silt: 16442-46' 16311-14' 16242-44' 16127-29' Frontier: 15985-87' 15917-19' 15853-55' 15799-01' 15709-11' 15607-09' 15548-50' Mancos: 15406-08' 15341-43' 15224-26' 15153-55' 15109-11' 15056-58' 15015-17' 14871-73' 14845-47' 14803-05' 14706-08' 14680-82' 14588-90' 14527-29' 14455-57' 14330-32' 14266-68' 14151-53' 14049-14051 13942-44' 13837-39' 13800-02' 13675-39' 13574-76' 13518-20' 13400-02' 13347-49' 13294-96' 13193-95' Mancos 'B' 13076-78' (shot twice) 12887-89' 12807-11' 12726-28' 12680-12684' 12380-82'

Operations Summary Report

Well Name: WVX 11D-22-8-21
Location: 22- 8-S 21-E 26
Rig Name:

Spud Date: 4/21/2007
Rig Release:
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/2/2007	06:00 - 16:00	10.00	TRP	9	12152-54' Blackhawk 11986-90' 11892-96' 11829-33' Lower Mesa Verde 11150-52' 11105-09' 11080-84' 11051-53' 11008-12' 10698' -10700' 10634-38' 10577-79' 10548-10550' 10533-37' 10458-10460' 9735-37' Mesa Verde 9572-76' 9489-97' 8977-81' 8954-58'

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov/ut/st/en.html

IN REPLY REFER TO:
3100
(UT-922)

January 23, 2008

Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Name Change Approval

Attached is a certified copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the merger from the Eastern States state office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **QEP Uinta Basin, Inc.** into **Questar Exploration and Production Co.** is effective May 1, 2007, which is a correction to the effective dated stated in the decision letter. For verification of effective date, please refer to the name change certificate from the State of Texas.

/s/ Leslie Wilcken

Leslie Wilcken
Land Law Examiner
Branch of Fluid Minerals

cc: MMS
State of Utah, DOGM,

bcc: Dave Mascarenas
Susan Bauman
Connie Seare

NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.

- Within 30 days after the completion or plugging of a well, the following shall be filed:
  - Form 8, Well Completion or Recompletion Report and Log
  - A copy of electric and radioactivity logs, if run
  - A copy of drillstem test reports,
  - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
  - A copy of core analyses, and lithologic logs or sample descriptions if compiled
  - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

As of the mailing of this notice, the division has not received the required reports for

Operator: Questar Exploration & Production Co Today's Date: 02/14/2008

Well:	API Number:	Drilling Commenced:
See Attachment	43 047 34902 WVX 11D-22-8-21 8S 21E 22	

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc: Well File
Compliance File

Well:		API Number:	Commenced:
WV 5W-36-7-21	drlg rpts/wcr	4304734099	05/29/2003
WV 4D-12-8-12	drlg rpts/wcr	4304734268	09/26/2003
WVX 11D-22-8-21	drlg rpts/wcr	4304734902	03/15/2005
WV 3DML-13-8-21	drlg rpts/wcr	4304737923	09/27/2006
FR 7P-36-14-19	drlg rpts/wcr	4304738992	02/05/2007
SU 8M-12-7-21	drlg rpts/wcr	4304736096	03/18/2007
WV 12AD-8-8-22R	drlg rpts/wcr	4304739321	05/10/2007
WRU EIH 7AD-35-8-22	drlg rpts/wcr	4304738641	06/08/2007
RWS 14D-6-9-24	drlg rpts/wcr	4304737414	07/20/2007
RW 34-27ADR	drlg rpts/wcr	4304739445	08/07/2007
NBZ 8D-31-8-24	drlg rpts/wcr	4304737238	08/27/2007
WRU EIH 6D-5-8-23	drlg rpts/wcr	4304738994	09/04/2007
WRU EIH 9CD-26-8-22	drlg rpts/wcr	4304738649	10/03/2007

Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE (See other instructions on reverse side).

CONFIDENTIAL

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.: UTU-68218

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE TRIBE

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] DRY [ ] Other

b TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR [ ] Other

7. UNIT AGREEMENT NAME: N/A

8. FARM OR LEASE NAME: N/A

2. NAME OF OPERATOR: QUESTAR EXPLORATION & PRODUCTION CO.

9. WELL NO.: ~~WXV~~ 11D 22 8 21

3. ADDRESS OF OPERATOR: 11002 EAST 17500 SOUTH - VERNAL, UT 84078
Contact: Dahn Caldwell 435.781.4342
Fax # 435.781.4357

10. FIELD AND POOL, OR WILDCAT: WONSITS VALLEY

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements)**

At surface: 2390' FSL, 1919' FWL, NESW, SEC 22-T8S-R21E

At top rod. interval reported below: 2390' FSL, 1919' FWL, NESW, SEC 22-T8S-R21E

At total depth: 2390' FSL, 1919' FWL, NESW, SEC 22-T8S-R21E

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: SEC 22-T8S-R21E

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-047-34902		UINTAH	UT

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
4/14/07	8/2/07	10/27/07	KB	

20. TOTAL DEPTH, MD & TVD	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
16,750'	16,728'		——>	YES	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
SEE ATTACHMENT PAGE 1

25. WAS DIRECTIONAL SURVEY MADE: NO

26. TYPE ELECTRIC AND OTHER LOGS RUN
HRI SPECTRAL DENSITY DUAL SPACED NEUTRON, GR/CBL, ARRAY COMP TRUE RESISTIVITY

27. WAS WELL CORED: NO

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#	514'	17-1/2"	450 SXS	
9-5/8"	47#	8,125'	12-1/4"	2055 SXS	
7"	29#	12,524'	8-1/2"	865 SXS	
4-1/2"	15.1#	16,730'	7"	1200 SXS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A	N/A	

31. PERFORATION RECORD (*Interval, size and number*)
SEE ATTACHMENT PAGE 1

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
SEE ATTACHMENT PG 1	SEE ATTACHMENT PG 1

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping--size and type of pump*)	WELL STATUS (*Producing or shut-in*)
10/27/07	FLOWING	PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
11/8/07	24	30	——>	15	3410	310	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF	WATER--BBL	OIL GRAVITY-API (CORR.)
N/A	375#	——>				

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)
SOLD

TEST WITNESSED BY

35. LIST OF ATTACHMENTS
WELLBORE SCHEMATIC & ATTACHMENT PAGE 1 - PERFORATION DETAIL

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED JIM SIMONTON Jim Simonton (dbc) TITLE COMPLETION SUPERVISOR DATE 3/12/08

(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED CONFIDENTIAL
MAR 14 2008
DIV OF OIL, GAS & MINING

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
UINTA	**SURFACE**		
GREEN RIVER	**2441'**		
WASATCH	**5901'**		
MESA VERDE	**8836'**		
SEGO	**11336'**		
CASTLEGATE	**11411'**		
BLACKHAWK	**11734'**		
MANCOS SHALE	**12176'**		
MANCOS 'B'	**12604'**		
FRONTIER	**15358'**		
DAKOTA SILT	**16256'**		
DAKOTA	**16450'**		
TD	**16750'**		

38. GEOLOGIC MARKERS
WVX 11D 22 8 21

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
UINTA	**SURFACE**	
GREEN RIVER	**2441'**	
WASATCH	**5901'**	
MESA VERDE	**8836'**	
SEGO	**11336'**	
CASTLEGATE	**11411'**	
BLACKHAWK	**11734'**	
MANCOS SHALE	**12176'**	
MANCOS 'B'	**12604'**	
FRONTIER	**15358'**	
DAKOTA SILT	**16256'**	
DAKOTA	**16450'**	
TD	**16750'**	

WVX 11D 22 8 21 - ATTACHMENT PAGE 1

PERFORATION DETAIL:

Open Perfs	Stimulation					
8,954' – 8,958'						Open Mesa Verde
8,977' – 8,981'	Frac w/	73,800	Lbs in	48,552	Gals	Open Mesa Verde
9,489' – 9,497'						Open Mesa Verde
9,572' – 9,576'	Frac w/	80,100	Lbs in	50,694	Gals	Open Mesa Verde
9,735' – 9,737'						Open LMV
10,458' – 10,460'						Open LMV
10,533' – 10,537'						Open LMV
10,548' – 10,550'	Frac w/	80,400	Lbs in	51,492	Gals	Open LMV
10,577' – 10,579'						Open LMV
10,634' – 10,638'						Open LMV
10,698' – 10,700'						Open LMV
11,008' – 11,012'						Open LMV
11,051' – 11,053'						Open LMV
11,080' – 11,084'	Frac w/	50,700	Lbs in	36,708	Gals	Open LMV
11,105' – 11,109'						Open LMV
11,150' – 11,152'						Open LMV
11,829' – 11,833'						Open Blackhawk
11,892' – 11,896'						Open Blackhawk
11,986' – 11,990'	Frac w/	80,100	Lbs in	192,570	Gals	Open Blackhawk
12,152' – 12,154'						Open Mancos 'B'
12,380' – 12,382'						Open Mancos 'B'
12,680' – 12,684'						Open Mancos 'B'
12,726' – 12,728'						Open Mancos 'B'
12,807' – 12,811'	Frac w/	10,300	Lbs in	73,290	Gals	Open Mancos 'B'
12,887' – 12,889'						Open Mancos 'B'
13,076' – 13,078'						Open Mancos 'B'
13193' – 13,195'						Open Mancos
13,294' – 13,296'						Open Mancos
13,347' – 13,349'						Open Mancos
13,400' – 13,402'	Frac w/	21,300	Lbs in	104,118	Gals	Open Mancos
13,518' – 13,520'						Open Mancos
13,574' – 13,576'						Open Mancos
13,675' – 13,677'						Open Mancos
13,800' – 13,802'						Open Mancos
13,837' – 13,839'						Open Mancos
13,942' – 13,944'						Open Mancos
14,049' – 14,051'	Frac w/	34,900	Lbs in	122,136	Gals	Open Mancos
14,151' – 14,153'						Open Mancos
14,266' – 14,268'						Open Mancos
14,330' – 14,332'						Open Mancos

14,455′ – 14,457′						Open Mancos
14,527′ – 14,529′						Open Mancos
14,588′ – 14,590′						Open Mancos
14,680′ – 14,682′						Open Mancos
14,706′ – 14,708′	Frac w/	20,500	Lbs in	100,590	Gals	Open Mancos
14,803′ – 14,805′						Open Mancos
14,845′ – 14,847′						Open Mancos
14,871′ – 14,873′						Open Mancos
15,015′ – 15,017′						Open Mancos
15,056′ – 15,058′						Open Mancos
15,109′ – 15,111′						Open Mancos
15,153′ – 15,155′	Frac w/	35,600	Lbs in	130,620	Gals	Open Mancos
15,224′ – 15,226′						Open Mancos
15,341′ – 15,343′						Open Mancos
15,406′ – 15,408′						Open Mancos
15,548′ – 15,550′						Open Frontier
15,607′ – 15,609′						Open Frontier
15,709′ – 15,711′						Open Frontier
15,799′ – 15,801′	Frac w/	24,600	Lbs in	106,218	Gals	Open Frontier
15,853′ – 15,855′						Open Frontier
15,917′ – 15,919′						Open Frontier
15,985′ – 15,987′						Open Frontier
16,127′ – 16,129′						Open Dakota Silt
16,242′ – 16,244′						Open Dakota Silt
16,311′ – 16,314′	Frac w/	35,800	Lbs in	132,888	Gals	Open Dakota Silt
16,442′ – 16,446′						Open Dakota Silt
16,550′ – 16,558′						Open Dakota
16,595′ – 16,604′	Frac w/	86,300	Lbs in	60,984	Gals	Open Dakota
16,629′ – 16,632′						Open Dakota

UTU8826P04

FIELD: **Undesignated** | GL: 4,762 ' KBE: 4,788 ' | Spud Date: 4/20/07 Completion date: 10/27/07

Well: **WVX 11D-22-8-21** | TD: 16,750 ' PBTD: 16,728 ' | Current Well Status: Producing

Location - surface: NE/SW Sec. 22, T8S, R21E 2390' FSL, 1919' FWL

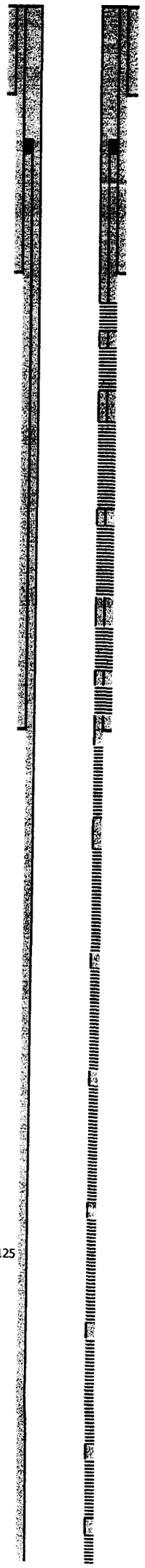
Location - bottom hole: Same

API#:43-047- 34902 Uintah County, Utah

Reason for Pull/Workover: Recover coiled tubing

Deviation:

Wellbore Schematic



Surface casing

Size:	13.375"
Weight:	54.5#
Grade:	J-55
Set @	514' GL
Cmtd w/	450 sk
Hole size:	17-1/2"

Intermediate Casing

Size:	9.625"
Weight:	47#
Grade:	HCP-110
Set @	8125'
Cmtd w/	2055 sk
Hole size:	12-1/4"

Intermediate Liner

Size:	7"
Weight:	29#
Grade:	HCP-110
Top @	7588'
Shoe @	12,524'
Cmtd w/	865 sk
Hole size:	8-1/2"

Production Casing

Size:	4.5"
Weight:	15.1#
Grade:	HCP-110 & Q-125
Set @	16,730'
Cmtd w/	1200 sk
Hole size:	7"

EXCLUDED PERFS

EXISTING PERFS

Mesa Verde
8954-58' w/ 3 spf
8977-81' w/ 3 spf
Mesa Verde
9489-97' w/ 3 spf
9572-76' w/ 3 spf
9735-37' w/ 3 spf

Lower Mesa Verde
10,458-60' w/ 3 spf
10,533-37' w/ 3 spf
10,548-50' w/ 3 spf
10,577-79' w/ 3 spf
10,634-38' w/ 3 spf
10,698-700' w/ 3 spf
Lower Mesa Verde
11,008-12' w/ 3 spf
11,051-53' w/ 3 spf
11,080-84' w/ 3 spf
11,105-09' w/ 3 spf
11,150-52' w/ 3 spf

Blackhawk
11,829-33' w/ 3 spf
11,892-96' w/ 3 spf
11,986-90' w/ 3 spf
Mancos
12,152-54' w/ 3 spf
12,380-82' w/ 3 spf

Mancos-B
12,680-84' w/ 3 spf
12,726-28' w/ 3 spf
12,807-11' w/ 3 spf
12,887-89' w/ 3 spf
13,074-78' w/ 3 spf

Mancos
13,193-95' w/ 3 spf
13,294-96' w/ 3 spf
13,347-49' w/ 3 spf
13,400-02' w/ 3 spf
13,518-20' w/ 3 spf
13,574-76' w/ 3 spf
13,675-79' w/ 3 spf
Mancos
13,800-02' w/ 3 spf
13,837-39' w/ 3 spf
13,942-44' w/ 3 spf
14,049-51' w/ 3 spf
14,151-53' w/ 3 spf
14,266-68' w/ 3 spf
14,330-32' w/ 3 spf
Mancos
14,455-57' w/ 3 spf
14,527-29' w/ 3 spf
14,588-90' w/ 3 spf
14,680-82' w/ 3 spf
14,706-08' w/ 3 spf
14,803-05' w/ 3 spf
14,845-47' w/ 3 spf
14,871-73' w/ 3 spf
Mancos
15,015-17' w/ 3 spf
15,056-58' w/ 3 spf
15,109-11' w/ 3 spf
15,153-55' w/ 3 spf
15,224-26' w/ 3 spf
15,341-43' w/ 3 spf
15,406-08' w/ 3 spf
Frontier
15,548-50' w/ 3 spf
15,607-09' w/ 3 spf
15,709-11' w/ 3 spf
15,799-801' w/ 3 spf
15,853-55' w/ 3 spf
15,917-19' w/ 3 spf
15,985-87' w/ 3 spf
Dakota Silt
16,127-29' w/ 3 spf
16,242-44' w/ 3 spf
16,310-14' w/ 3 spf
16,442-46' w/ 3 spf
Dakota
16,550-58' w/ 3 spf
15,595-604' w/ 3 spf

Tubing Landing Detail:

Description	Size	Footage	Depth
KB		25.50	25.50
			25.50
			25.50
			25.50
			25.50
			25.50
EOT @			**25.50**

Tubing Information:
Condition:
New: _____ Used: _____ Rerun: _____
Grade: _____
Weight (#/ft): _____

Wellhead Detail: Example: 7-1/16" 3000# 4-1/16" 10,000#

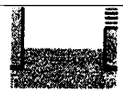
Other:
Hanger: Yes _____ No x

SUMMARY

9-6-07 to 9-24-07. MIRU Cutters WL. Run CBL & perforate Dakota: 16629-32'; 16595-04'; 16550-58' w/ 3 1/8" csg gun w/ power pak charges. Flow test showed nothing. MIRU RMWS #3. NU BOP. Pressure test stack. RIH w/ 2 3/8" P-110 tbg. Tagged @ 16,687'. LD 6 jts tbg & land tbg in well head. Flow test sh nothing. MIRU Halliburton acid crew & pump 1000 gal 15% Hcl job w/ 90 bio-balls. Flow test showed nothing. RDMO RMWS #3.

10-23-07 to 10-26-07 MIRU Halliburton Frac Crew.
Dakota
Zone 1 - Gross interval 16550'-16632'. Acid Frac w/ 1000 gal 15% Hcl and 81,300 30/50 sand
Dakota Silt
Zone 2- Gross interval 16127'-16446' Frac w/ 35,800# 30/50 Econoprop sand w/ 5K# 100 mesh
Frontier
Zone 3 - Gross interval 15548'-15987'. Frac w/ 24,600# 30/50 Econoprop sand
Mancos /Frontier
Zone 4 - Gross interval 15015'-15408'. Frac w/ 35,600# 30/50 Econoprop sand
Mancos
Zone 5 - Gross interval 14455'-14873'. Frac w/ 20,500# 30/50 Econoprop sand
Zone 6 - Gross interval 13800'-14332'. Frac w/ 34,900# 30/50 Econoprop sand
Zone 7 - Gross interval 13193'-13677'. Frac w/ 21,300# 30/50 Econoprop sand
Mancos B
Zone 8 - Gross interval 12680'-13078'. Frac w/ 10,300# 30/50 Econoprop sand
Blackhawk & Mancos
Zone 9 - Gross interval 11829'-12382'. Frac w/ 80,100# 30/50 Econoprop sand
L. Mesaverde
Zone 10 - Gross interval 11008'-11152'. Frac w/ 50,700# 20/40 PR-6000 sand
Zone 11 - Gross interval 10458'-10700'. Frac w/ 80,400# 20/40 PR-6000 sand
L. Mesaverde/Mesaverde
Zone 12 - Gross interval 9489'-9737'. Frac w/ 80,100# 20/40 PR-6000 sand
Mesaverde
Zone 13 - Gross interval 8954'-8981'. Frac w/ 73,800# 20/40 PR-6000 sand
Turn well over to production.

2-24-08 Begin fishing operations, recover coiled tubing, drillout plugs and place well on production.



16,629-32' w/ 3 spf

PBTD @ 16728 '
TD @ 16750 '

Prepared By: K. Fleetwood

Date: 3-10-2008

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

Change of Operator (Well Sold) **X - Operator Name Change**

The operator of the well(s) listed below has changed, effective: **6/14/2010**

FROM: (Old Operator):	**TO:** (New Operator):
N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048	N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048

CA No. **Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 6/24/2010
4a. Is the new operator registered in the State of Utah: Business Number: 764611-0143
5a. (R649-9-2)Waste Management Plan has been received on: Requested
5b. Inspections of LA PA state/fee well sites complete on: n/a
5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
9. **Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 6/30/2010
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 6/30/2010
3. Bond information entered in RBDMS on: 6/30/2010
4. Fee/State wells attached to bond in RBDMS on: 6/30/2010
5. Injection Projects to new operator in RBDMS on: 6/30/2010
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024
2. Indian well(s) covered by Bond Number: 965010693
3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: See attached	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached	
7. UNIT or CA AGREEMENT NAME: See attached	
1 TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER	8. WELL NAME and NUMBER: See attached
2 NAME OF OPERATOR: Questar Exploration and Production Company N5085	9. API NUMBER: Attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 CITY Denver STATE CO ZIP 80265 / PHONE NUMBER: (303) 672-6900	10. FIELD AND POOL, OR WILDCAT: See attached
4. LOCATION OF WELL: FOOTAGES AT SURFACE: See attached / QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	COUNTY: Attached / STATE: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 6/14/2010	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Operator Name Change
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:
Federal Bond Number: 965002976 (BLM Reference No. ESB000024) N3700
Utah State Bond Number: ~~965003033~~ 965010695
Fee Land Bond Number: ~~965003033~~ 965010695
BIA Bond Number: ~~799446~~ 965010693

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) Morgan Anderson TITLE Regulatory Affairs Analyst

SIGNATURE Morgan Anderson DATE 6/23/2010

(This space for State use only)

RECEIVED
JUN 28 2010
DIV. OF OIL, GAS & MINING

APPROVED 6/30/2009
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(5/2000) (See Instructions on Reverse Side)

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
WEST RIVER BEND 3-12-10-15	12	100S	150E	4301331888	14542	Federal	OW	P	C
WEST RIVER BEND 16-17-10-17	17	100S	170E	4301332057	14543	Federal	OW	P	
WEST DESERT SPRING 11-20-10-17	20	100S	170E	4301332088	14545	Federal	OW	S	
GD 8G-35-9-15	35	090S	150E	4301333821		Federal	OW	APD	C
GD 9G-35-9-15	35	090S	150E	4301333822		Federal	OW	APD	C
GD 10G-35-9-15	35	090S	150E	4301333823		Federal	OW	APD	C
GD 11G-35-9-15	35	090S	150E	4301333824		Federal	OW	APD	C
GD 12G-35-9-15	35	090S	150E	4301333825		Federal	OW	APD	C
GD 13G-35-9-15	35	090S	150E	4301333826		Federal	OW	APD	C
GD 1G-34-9-15	34	090S	150E	4301333827	16920	Federal	OW	P	
GD 2G-34-9-15	34	090S	150E	4301333828		Federal	OW	APD	C
GD 7G-34-9-15	34	090S	150E	4301333829		Federal	OW	APD	C
GD 7G-35-9-15	35	090S	150E	4301333830		Federal	OW	APD	C
GD 14G-35-9-15	35	090S	150E	4301333831		Federal	OW	APD	C
GD 15G-35-9-15	35	090S	150E	4301333832		Federal	OW	APD	C
GD 16G-35-9-15	35	090S	150E	4301333833	16921	Federal	OW	P	
GD 1G-35-9-15	35	090S	150E	4301333834		Federal	OW	APD	C
GD 2G-35-9-15	35	090S	150E	4301333835		Federal	OW	APD	C
GD 3G-35-9-15	35	090S	150E	4301333836		Federal	OW	APD	C
GD 4G-35-9-15	35	090S	150E	4301333837		Federal	OW	APD	C
GD 5G-35-9-15	35	090S	150E	4301333838		Federal	OW	APD	C
GD 6G-35-9-15	35	090S	150E	4301333839		Federal	OW	APD	C
GD 8G-34-9-15	34	090S	150E	4301333840		Federal	OW	APD	C
GD 9G-34-9-15	34	090S	150E	4301333841		Federal	OW	APD	C
GD 10G-34-9-15	34	090S	150E	4301333842		Federal	OW	APD	C
GD 15G-34-9-15	34	090S	150E	4301333843		Federal	OW	APD	C
GD 16G-34-9-15	34	090S	150E	4301333844		Federal	OW	APD	C
GOVT 18-2	18	230S	170E	4301930679	2575	Federal	OW	P	
FEDERAL 2-29-7-22	29	070S	220E	4304715423	5266	Federal	GW	TA	
UTAH FED D-1	14	070S	240E	4304715936	10699	Federal	GW	S	
UTAH FED D-2	25	070S	240E	4304715937	9295	Federal	GW	S	
PRINCE 1	10	070S	240E	4304716199	7035	Federal	GW	P	
UTAH FED D-4	14	070S	240E	4304731215	9297	Federal	GW	S	
ISLAND UNIT 16	11	100S	180E	4304731505	1061	Federal	OW	S	
EAST COYOTE FED 14-4-8-25	04	080S	250E	4304732493	11630	Federal	OW	P	
PRINCE 4	03	070S	240E	4304732677	7035	Federal	OW	P	
GH 21 WG	21	080S	210E	4304732692	11819	Federal	GW	P	
OU SG 6-14-8-22	14	080S	220E	4304732746	11944	Federal	GW	S	
FLU KNOLLS FED 23-3	03	100S	180E	4304732754	12003	Federal	OW	P	
GH 22 WG	22	080S	210E	4304732818	12336	Federal	GW	P	
OU GB 12W-20-8-22	20	080S	220E	4304733249	13488	Federal	GW	P	
OU GB 15-18-8-22	18	080S	220E	4304733364	12690	Federal	GW	P	
OU GB 3W-17-8-22	17	080S	220E	4304733513	12950	Federal	GW	P	
OU GB 5W-17-8-22	17	080S	220E	4304733514	12873	Federal	GW	P	
WV 9W-8-8-22	08	080S	220E	4304733515	13395	Federal	GW	P	
OU GB 9W-18-8-22	18	080S	220E	4304733516	12997	Federal	GW	P	
OU GB 3W-20-8-22	20	080S	220E	4304733526	13514	Federal	GW	P	
OU GB 12W-30-8-22	30	080S	220E	4304733670	13380	Federal	GW	P	
WV 10W-8-8-22	08	080S	220E	4304733814	13450	Federal	GW	P	
GH 7W-21-8-21	21	080S	210E	4304733845	13050	Federal	GW	P	
GH 9W-21-8-21	21	080S	210E	4304733846	13074	Federal	GW	P	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
GH 11W-21-8-21	21	080S	210E	4304733847	13049	Federal	GW	P	
GH 15W-21-8-21	21	080S	210E	4304733848	13051	Federal	GW	P	
WV 2W-9-8-21	09	080S	210E	4304733905	13676	Federal	GW	P	
WV 7W-22-8-21	22	080S	210E	4304733907	13230	Federal	GW	P	
WV 9W-23-8-21	23	080S	210E	4304733909	13160	Federal	GW	P	
GH 14W-20-8-21	20	080S	210E	4304733915	13073	Federal	GW	P	
OU GB 4W-30-8-22	30	080S	220E	4304733945	13372	Federal	GW	P	
OU GB 9W-19-8-22	19	080S	220E	4304733946	13393	Federal	GW	P	
OU GB 10W-30-8-22	30	080S	220E	4304733947	13389	Federal	GW	P	
OU GB 12W-19-8-22	19	080S	220E	4304733948	13388	Federal	GW	P	
GB 9W-25-8-21	25	080S	210E	4304733960	13390	Federal	GW	P	
SU 1W-5-8-22	05	080S	220E	4304733985	13369	Federal	GW	P	
SU 3W-5-8-22	05	080S	220E	4304733987	13321	Federal	OW	S	
SU 7W-5-8-22	05	080S	220E	4304733988	13235	Federal	GW	P	
SU 9W-5-8-22	05	080S	220E	4304733990	13238	Federal	GW	P	
SU 13W-5-8-22	05	080S	220E	4304733994	13236	Federal	GW	TA	
SU 15W-5-8-22	05	080S	220E	4304733996	13240	Federal	GW	P	
WV 8W-8-8-22	08	080S	220E	4304734005	13320	Federal	GW	P	
WV 14W-8-8-22	08	080S	220E	4304734007	13322	Federal	GW	S	
OU GB 6W-20-8-22	20	080S	220E	4304734018	13518	Federal	GW	P	
OU GB 5W-30-8-22	30	080S	220E	4304734025	13502	Federal	GW	P	
OU GB 11W-20-8-22	20	080S	220E	4304734039	13413	Federal	GW	P	
OU GB 4W-20-8-22	20	080S	220E	4304734043	13520	Federal	GW	P	
GH 5W-21-8-21	21	080S	210E	4304734147	13387	Federal	GW	P	
GH 6W-21-8-21	21	080S	210E	4304734148	13371	Federal	GW	P	
GH 8W-21-8-21	21	080S	210E	4304734149	13293	Federal	GW	P	
GH 10W-20-8-21	20	080S	210E	4304734151	13328	Federal	GW	P	
GH 10W-21-8-21	21	080S	210E	4304734152	13378	Federal	GW	P	
GH 12W-21-8-21	21	080S	210E	4304734153	13294	Federal	GW	P	
GH 14W-21-8-21	21	080S	210E	4304734154	13292	Federal	GW	P	
GH 16W-21-8-21	21	080S	210E	4304734157	13329	Federal	GW	P	
WV 2W-3-8-21	03	080S	210E	4304734207	13677	Federal	GW	P	
OU GB 5W-20-8-22	20	080S	220E	4304734209	13414	Federal	GW	P	
WV 6W-22-8-21	22	080S	210E	4304734272	13379	Federal	GW	P	
GH 1W-20-8-21	20	080S	210E	4304734327	13451	Federal	GW	P	
GH 2W-20-8-21	20	080S	210E	4304734328	13527	Federal	GW	P	
GH 3W-20-8-21	20	080S	210E	4304734329	13728	Federal	GW	P	
GH 7W-20-8-21	20	080S	210E	4304734332	13537	Federal	GW	P	
GH 9W-20-8-21	20	080S	210E	4304734333	13411	Federal	GW	P	
GH 11W-20-8-21	20	080S	210E	4304734334	13410	Federal	GW	P	
GH 15W-20-8-21	20	080S	210E	4304734335	13407	Federal	GW	P	
GH 16W-20-8-21	20	080S	210E	4304734336	13501	Federal	GW	P	
WV 12W-23-8-21	23	080S	210E	4304734343	13430	Federal	GW	P	
OU GB 13W-20-8-22	20	080S	220E	4304734348	13495	Federal	GW	P	
OU GB 14W-20-8-22	20	080S	220E	4304734349	13507	Federal	GW	P	
OU GB 11W-29-8-22	29	080S	220E	4304734350	13526	Federal	GW	P	
SU PURDY 14M-30-7-22	30	070S	220E	4304734384	13750	Federal	GW	S	
WVX 11G-5-8-22	05	080S	220E	4304734388	13422	Federal	OW	P	
WVX 13G-5-8-22	05	080S	220E	4304734389	13738	Federal	OW	P	
WVX 15G-5-8-22	05	080S	220E	4304734390	13459	Federal	OW	P	
SU BRENNAN W 15W-18-7-22	18	070S	220E	4304734403	13442	Federal	GW	TA	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
SU 16W-5-8-22	05	080S	220E	4304734446	13654	Federal	GW	P	
SU 2W-5-8-22	05	080S	220E	4304734455	13700	Federal	GW	P	
SU 10W-5-8-22	05	080S	220E	4304734456	13540	Federal	GW	P	
WV 16W-8-8-22	08	080S	220E	4304734470	13508	Federal	GW	P	
OU GB 16WX-30-8-22	30	080S	220E	4304734506	13431	Federal	GW	P	
OU GB 1W-19-8-22	19	080S	220E	4304734512	13469	Federal	GW	P	
OU GB 2W-19-8-22	19	080S	220E	4304734513	13461	Federal	GW	P	
OU GB 5W-19-8-22	19	080S	220E	4304734514	13460	Federal	GW	P	
OU GB 7W-19-8-22	19	080S	220E	4304734515	13462	Federal	GW	P	
OU GB 8W-19-8-22	19	080S	220E	4304734516	13489	Federal	GW	P	
OU GB 11W-19-8-22	19	080S	220E	4304734517	13467	Federal	GW	P	
OU GB 16W-19-8-22	19	080S	220E	4304734522	13476	Federal	GW	P	
OU GB 1W-30-8-22	30	080S	220E	4304734528	13487	Federal	GW	S	
OU GB 3W-30-8-22	30	080S	220E	4304734529	13493	Federal	GW	P	
OU GB 6W-30-8-22	30	080S	220E	4304734530	13519	Federal	GW	P	
OU GB 7W-30-8-22	30	080S	220E	4304734531	13494	Federal	GW	P	
OU GB 8W-30-8-22	30	080S	220E	4304734532	13483	Federal	GW	P	
OU GB 9W-30-8-22	30	080S	220E	4304734533	13500	Federal	GW	P	
OU GB 6W-19-8-22	19	080S	220E	4304734534	13475	Federal	GW	P	
OU GB 10W-19-8-22	19	080S	220E	4304734535	13479	Federal	GW	P	
OU GB 13W-19-8-22	19	080S	220E	4304734536	13478	Federal	GW	P	
OU GB 14W-19-8-22	19	080S	220E	4304734537	13484	Federal	GW	P	
OU GB 15W-19-8-22	19	080S	220E	4304734538	13482	Federal	GW	P	
OU GB 12W-17-8-22	17	080S	220E	4304734542	13543	Federal	GW	P	
OU GB 6W-17-8-22	17	080S	220E	4304734543	13536	Federal	GW	P	
OU GB 13W-17-8-22	17	080S	220E	4304734544	13547	Federal	GW	P	
OU GB 6W-29-8-22	29	080S	220E	4304734545	13535	Federal	GW	P	
OU GB 3W-29-8-22	29	080S	220E	4304734546	13509	Federal	GW	P	
OU GB 13W-29-8-22	29	080S	220E	4304734547	13506	Federal	GW	P	
OU GB 4W-29-8-22	29	080S	220E	4304734548	13534	Federal	GW	P	
OU GB 5W-29-8-22	29	080S	220E	4304734549	13505	Federal	GW	P	
OU GB 14W-17-8-22	17	080S	220E	4304734550	13550	Federal	GW	P	
OU GB 11W-17-8-22	17	080S	220E	4304734553	13671	Federal	GW	P	
OU GB 14W-29-8-22	29	080S	220E	4304734554	13528	Federal	GW	P	
OU GB 2W-17-8-22	17	080S	220E	4304734559	13539	Federal	GW	P	
OU GB 7W-17-8-22	17	080S	220E	4304734560	13599	Federal	GW	P	
OU GB 16W-18-8-22	18	080S	220E	4304734563	13559	Federal	GW	P	
OU GB 1W-29-8-22	29	080S	220E	4304734573	13562	Federal	GW	P	
OU GB 7W-29-8-22	29	080S	220E	4304734574	13564	Federal	GW	P	
OU GB 8W-29-8-22	29	080S	220E	4304734575	13609	Federal	GW	S	
OU GB 9W-29-8-22	29	080S	220E	4304734576	13551	Federal	GW	P	
OU GB 10W-29-8-22	29	080S	220E	4304734577	13594	Federal	GW	P	
OU GB 15W-29-8-22	29	080S	220E	4304734578	13569	Federal	GW	P	
OU GB 2W-20-8-22	20	080S	220E	4304734599	13664	Federal	GW	P	
OU GB 2W-29-8-22	29	080S	220E	4304734600	13691	Federal	GW	P	
OU GB 15W-17-8-22	17	080S	220E	4304734601	13632	Federal	GW	P	
OU GB 16W-17-8-22	17	080S	220E	4304734602	13639	Federal	GW	P	
OU GB 16W-29-8-22	29	080S	220E	4304734603	13610	Federal	GW	P	
OU GB 1W-20-8-22	20	080S	220E	4304734604	13612	Federal	GW	P	
OU GB 1W-17-8-22	17	080S	220E	4304734623	13701	Federal	GW	P	
OU GB 9W-17-8-22	17	080S	220E	4304734624	13663	Federal	GW	P	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
OU GB 10W-17-8-22	17	080S	220E	4304734625	13684	Federal	GW	P	
OU GB 9W-20-8-22	20	080S	220E	4304734630	13637	Federal	GW	P	
OU GB 10W-20-8-22	20	080S	220E	4304734631	13682	Federal	GW	P	
OU GB 15W-20-8-22	20	080S	220E	4304734632	13613	Federal	GW	P	
OU WIH 15MU-21-8-22	21	080S	220E	4304734634	13991	Federal	GW	P	
OU WIH 13W-21-8-22	21	080S	220E	4304734646	13745	Federal	GW	P	
OU GB 11W-15-8-22	15	080S	220E	4304734648	13822	Federal	GW	P	
OU GB 13W-9-8-22	09	080S	220E	4304734654	13706	Federal	GW	P	
OU WIH 14W-21-8-22	21	080S	220E	4304734664	13720	Federal	GW	P	
OU GB 12WX-29-8-22	29	080S	220E	4304734668	13555	Federal	GW	P	
OU WIH 10W-21-8-22	21	080S	220E	4304734681	13662	Federal	GW	P	
OU GB 4G-21-8-22	21	080S	220E	4304734685	13772	Federal	OW	P	
OU GB 3W-21-8-22	21	080S	220E	4304734686	13746	Federal	GW	P	
OU GB 16SG-30-8-22	30	080S	220E	4304734688	13593	Federal	GW	P	
OU WIH 7W-21-8-22	21	080S	220E	4304734689	13716	Federal	GW	P	
OU GB 5W-21-8-22	21	080S	220E	4304734690	13770	Federal	GW	P	
WIH 1MU-21-8-22	21	080S	220E	4304734693	14001	Federal	GW	P	
OU GB 5G-19-8-22	19	080S	220E	4304734695	13786	Federal	OW	P	
OU GB 7W-20-8-22	20	080S	220E	4304734705	13710	Federal	GW	P	
OU SG 14W-15-8-22	15	080S	220E	4304734710	13821	Federal	GW	P	
OU SG 15W-15-8-22	15	080S	220E	4304734711	13790	Federal	GW	P	
OU SG 16W-15-8-22	15	080S	220E	4304734712	13820	Federal	GW	P	
OU SG 4W-15-8-22	15	080S	220E	4304734713	13775	Federal	GW	P	
OU SG 12W-15-8-22	15	080S	220E	4304734714	13838	Federal	GW	P	
OU GB 5MU-15-8-22	15	080S	220E	4304734715	13900	Federal	GW	P	
OU SG 8W-15-8-22	15	080S	220E	4304734717	13819	Federal	GW	P	
OU SG 9W-15-8-22	15	080S	220E	4304734718	13773	Federal	GW	P	
OU SG 10W-15-8-22	15	080S	220E	4304734719	13722	Federal	GW	P	
OU SG 2MU-15-8-22	15	080S	220E	4304734721	13887	Federal	GW	P	
OU SG 7W-15-8-22	15	080S	220E	4304734722	13920	Federal	GW	P	
OU GB 14SG-29-8-22	29	080S	220E	4304734743	14034	Federal	GW	P	
OU GB 16SG-29-8-22	29	080S	220E	4304734744	13771	Federal	GW	P	
OU GB 13W-10-8-22	10	080S	220E	4304734754	13774	Federal	GW	P	
OU GB 6MU-21-8-22	21	080S	220E	4304734755	14012	Federal	GW	P	
OU SG 10W-10-8-22	10	080S	220E	4304734764	13751	Federal	GW	P	
OU GB 14M-10-8-22	10	080S	220E	4304734768	13849	Federal	GW	P	
OU SG 9W-10-8-22	10	080S	220E	4304734783	13725	Federal	GW	P	
OU SG 16W-10-8-22	10	080S	220E	4304734784	13781	Federal	GW	P	
SU BW 6M-7-7-22	07	070S	220E	4304734837	13966	Federal	GW	P	
GB 3M-27-8-21	27	080S	210E	4304734900	14614	Federal	GW	P	
WVX 11D-22-8-21	22	080S	210E	4304734902	14632	Federal	GW	P	
GB 11M-27-8-21	27	080S	210E	4304734952	13809	Federal	GW	P	
GB 9D-27-8-21	27	080S	210E	4304734956	14633	Federal	GW	P	
GB 1D-27-8-21	27	080S	210E	4304734957	14634	Federal	GW	P	
WRU EIH 2M-35-8-22	35	080S	220E	4304735052	13931	Federal	GW	P	
GH 12MU-20-8-21	20	080S	210E	4304735069	14129	Federal	GW	P	
OU SG 4W-11-8-22	11	080S	220E	4304735071	14814	Federal	GW	OPS	C
OU SG 5W-11-8-22	11	080S	220E	4304735072	14815	Federal	GW	OPS	C
SG 6ML-11-8-22	11	080S	220E	4304735073	14825	Federal	GW	P	
OU SG 5MU-14-8-22	14	080S	220E	4304735076	13989	Federal	GW	P	
OU SG 6MU-14-8-22	14	080S	220E	4304735077	14128	Federal	GW	P	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
SG 12MU-14-8-22	14	080S	220E	4304735078	13921	Federal	GW	P	
OU SG 13MU-14-8-22	14	080S	220E	4304735079	13990	Federal	GW	P	
OU SG 9MU-11-8-22	11	080S	220E	4304735091	13967	Federal	GW	P	
SG 11SG-23-8-22	23	080S	220E	4304735099	13901	Federal	GW	TA	
OU SG 14W-11-8-22	11	080S	220E	4304735114	14797	Federal	GW	OPS	C
SG 5MU-23-8-22	23	080S	220E	4304735115	14368	Federal	GW	P	
SG 6MU-23-8-22	23	080S	220E	4304735116	14231	Federal	GW	P	
SG 14MU-23-8-22	23	080S	220E	4304735117	14069	Federal	GW	P	
SG 12MU-23-8-22	23	080S	220E	4304735188	14412	Federal	GW	P	
SG 13MU-23-8-22	23	080S	220E	4304735190	14103	Federal	GW	P	
WH 7G-10-7-24	10	070S	240E	4304735241	14002	Federal	GW	S	
GB 4D-28-8-21	28	080S	210E	4304735246	14645	Federal	GW	P	
GB 7M-28-8-21	28	080S	210E	4304735247	14432	Federal	GW	P	
GB 14M-28-8-21	28	080S	210E	4304735248	13992	Federal	GW	P	
SG 11MU-23-8-22	23	080S	220E	4304735257	13973	Federal	GW	P	
SG 15MU-14-8-22	14	080S	220E	4304735328	14338	Federal	GW	P	
EIHX 14MU-25-8-22	25	080S	220E	4304735330	14501	Federal	GW	P	
EIHX 11MU-25-8-22	25	080S	220E	4304735331	14470	Federal	GW	P	
NBE 12ML-10-9-23	10	090S	230E	4304735333	14260	Federal	GW	P	
NBE 13ML-17-9-23	17	090S	230E	4304735334	14000	Federal	GW	P	
NBE 4ML-26-9-23	26	090S	230E	4304735335	14215	Federal	GW	P	
SG 7MU-11-8-22	11	080S	220E	4304735374	14635	Federal	GW	S	
SG 1MU-11-8-22	11	080S	220E	4304735375	14279	Federal	GW	P	
OU SG 13W-11-8-22	11	080S	220E	4304735377	14796	Federal	GW	OPS	C
SG 3MU-11-8-22	11	080S	220E	4304735379	14978	Federal	GW	P	
SG 8MU-11-8-22	11	080S	220E	4304735380	14616	Federal	GW	P	
SG 2MU-11-8-22	11	080S	220E	4304735381	14636	Federal	GW	P	
SG 10MU-11-8-22	11	080S	220E	4304735382	14979	Federal	GW	P	
SU 11MU-9-8-21	09	080S	210E	4304735412	14143	Federal	GW	P	
OU GB 8MU-10-8-22	10	080S	220E	4304735422	15321	Federal	GW	OPS	C
EIHX 2MU-25-8-22	25	080S	220E	4304735427	14666	Federal	GW	P	
EIHX 1MU-25-8-22	25	080S	220E	4304735428	14705	Federal	GW	P	
EIHX 7MU-25-8-22	25	080S	220E	4304735429	14682	Federal	GW	P	
EIHX 8MU-25-8-22	25	080S	220E	4304735430	14706	Federal	GW	P	
EIHX 9MU-25-8-22	25	080S	220E	4304735433	14558	Federal	GW	P	
EIHX 16MU-25-8-22	25	080S	220E	4304735434	14502	Federal	GW	P	
EIHX 15MU-25-8-22	25	080S	220E	4304735435	14571	Federal	GW	P	
EIHX 10MU-25-8-22	25	080S	220E	4304735436	14537	Federal	GW	P	
GB 3MU-3-8-22	03	080S	220E	4304735457	14575	Federal	GW	P	
NBE 15M-17-9-23	17	090S	230E	4304735463	14423	Federal	GW	P	
NBE 7ML-17-9-23	17	090S	230E	4304735464	14232	Federal	GW	P	
NBE 3ML-17-9-23	17	090S	230E	4304735465	14276	Federal	GW	P	
NBE 11M-17-9-23	17	090S	230E	4304735466	14431	Federal	GW	P	
NBE 10ML-10-9-23	10	090S	230E	4304735650	14377	Federal	GW	P	
NBE 6ML-10-9-23	10	090S	230E	4304735651	14422	Federal	GW	P	
NBE 12ML-17-9-23	17	090S	230E	4304735652	14278	Federal	GW	P	
NBE 6ML-26-9-23	26	090S	230E	4304735664	14378	Federal	GW	P	
NBE 11ML-26-9-23	26	090S	230E	4304735665	14340	Federal	GW	P	
NBE 15ML-26-9-23	26	090S	230E	4304735666	14326	Federal	GW	P	
SG 4MU-23-8-22	23	080S	220E	4304735758	14380	Federal	GW	P	
SG 11MU-14-8-22	14	080S	220E	4304735829	14486	Federal	GW	P	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RB DS FED 1G-7-10-18	07	100S	180E	4304735932	14457	Federal	OW	S	
RB DS FED 14G-8-10-18	08	100S	180E	4304735933	14433	Federal	OW	P	
OU SG 14MU-14-8-22	14	080S	220E	4304735950	14479	Federal	GW	P	
COY 12ML-24-8-24	24	080S	240E	4304736039	14592	Federal	OW	P	
WIH 1AMU-21-8-22	21	080S	220E	4304736060	14980	Federal	GW	P	
SU 8M-12-7-21	12	070S	210E	4304736096	16610	Federal	GW	OPS	C
NBE 4ML-10-9-23	10	090S	230E	4304736098	15732	Federal	GW	P	
NBE 8ML-10-9-23	10	090S	230E	4304736099	15733	Federal	GW	P	
NBE 16ML-10-9-23	10	090S	230E	4304736100	14728	Federal	GW	S	
SUBW 14M-7-7-22	07	070S	220E	4304736136	15734	Federal	GW	P	
NBE 8ML-12-9-23	12	090S	230E	4304736143	15859	Federal	GW	S	
GB 16D-28-8-21	28	080S	210E	4304736260	14981	Federal	GW	P	
NBE 5ML-10-9-23	10	090S	230E	4304736353	15227	Federal	GW	P	
NBE 7ML-10-9-23	10	090S	230E	4304736355	15850	Federal	GW	P	
NBE 3ML-10-9-23	10	090S	230E	4304736356	15393	Federal	GW	P	
EIHX 4MU-36-8-22	36	080S	220E	4304736444	14875	Federal	GW	P	
EIHX 3MU-36-8-22	36	080S	220E	4304736445	14860	Federal	GW	P	
EIHX 2MU-36-8-22	36	080S	220E	4304736446	14840	Federal	GW	S	
EIHX 1MU-36-8-22	36	080S	220E	4304736447	14861	Federal	GW	P	
NBE 7ML-26-9-23	26	090S	230E	4304736587	16008	Federal	GW	P	
NBE 8ML-26-9-23	26	090S	230E	4304736588	15689	Federal	GW	P	
NBE 1ML-26-9-23	26	090S	230E	4304736589	15880	Federal	GW	P	
NBE 2ML-26-9-23	26	090S	230E	4304736590	15898	Federal	GW	S	
NBE 3ML-26-9-23	26	090S	230E	4304736591	15906	Federal	GW	P	
NBE 5ML-26-9-23	26	090S	230E	4304736592	15839	Federal	GW	P	
NBE 9ML-10-9-23	10	090S	230E	4304736593	15438	Federal	GW	P	
NBE 11ML-10-9-23	10	090S	230E	4304736594	15228	Federal	GW	P	
NBE 15ML-10-9-23	10	090S	230E	4304736595	15439	Federal	GW	P	
NBE 2ML-17-9-23	17	090S	230E	4304736614	15126	Federal	GW	P	
NBE 4ML-17-9-23	17	090S	230E	4304736615	15177	Federal	GW	P	
NBE 6ML-17-9-23	17	090S	230E	4304736616	15127	Federal	GW	S	
NBE 10ML-17-9-23	17	090S	230E	4304736617	15128	Federal	GW	P	
NBE 14ML-17-9-23	17	090S	230E	4304736618	15088	Federal	GW	P	
NBE 9ML-26-9-23	26	090S	230E	4304736619	15322	Federal	GW	P	
NBE 10D-26-9-23	26	090S	230E	4304736620	15975	Federal	GW	S	
NBE 12ML-26-9-23	26	090S	230E	4304736621	15840	Federal	GW	P	
NBE 13ML-26-9-23	26	090S	230E	4304736622	15690	Federal	GW	P	
NBE 14ML-26-9-23	26	090S	230E	4304736623	15262	Federal	GW	P	
NBE 16ML-26-9-23	26	090S	230E	4304736624	15735	Federal	GW	P	
WF 1P-1-15-19	06	150S	200E	4304736781	14862	Indian	GW	P	
SG 3MU-23-8-22	14	080S	220E	4304736940	15100	Federal	GW	P	
NBE 5ML-17-9-23	17	090S	230E	4304736941	15101	Federal	GW	P	
TU 14-9-7-22	09	070S	220E	4304737345	16811	Federal	GW	OPS	C
WF 14C-29-15-19	29	150S	190E	4304737541	15178	Indian	GW	P	
NBE 2ML-10-9-23	10	090S	230E	4304737619	15860	Federal	GW	P	
GB 16ML-20-8-22	20	080S	220E	4304737664	15948	Federal	GW	P	
WVX 8ML-5-8-22	05	080S	220E	4304738140		Federal	GW	APD	C
WVX 6ML-5-8-22	05	080S	220E	4304738141		Federal	GW	APD	C
WVX 1MU-17-8-21	17	080S	210E	4304738156		Federal	GW	APD	C
GH 8-20-8-21	20	080S	210E	4304738157		Federal	GW	APD	C
WVX 4MU-17-8-21	17	080S	210E	4304738190		Federal	GW	APD	C

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
WVX 16MU-18-8-21	18	080S	210E	4304738191		Federal	GW	APD	C
GH 7D-19-8-21	19	080S	210E	4304738267	16922	Federal	GW	P	
WF 8C-15-15-19	15	150S	190E	4304738405	17142	Indian	GW	OPS	C
WVX 1MU-18-8-21	18	080S	210E	4304738659		Federal	GW	APD	C
WVX 9MU-18-8-21	18	080S	210E	4304738660		Federal	GW	APD	C
GB 12SG-29-8-22	29	080S	220E	4304738766	16096	Federal	GW	S	
GB 10SG-30-8-22	30	080S	220E	4304738767	16143	Federal	GW	S	
FR 14P-20-14-20	20	140S	200E	4304739168	16179	Federal	GW	P	
SU 11M-8-7-22	08	070S	220E	4304739175		Federal	GW	APD	C
HB 2M-9-7-22	09	070S	220E	4304739176		Federal	GW	APD	C
SUMA 4M-20-7-22	20	070S	220E	4304739177		Federal	GW	APD	C
SU 16M-31-7-22	31	070S	220E	4304739178		Federal	GW	APD	C
FR 13P-20-14-20	20	140S	200E	4304739226	16719	Federal	GW	P	
SG 11BML-23-8-22	23	080S	220E	4304739230		Federal	GW	APD	C
SG 12DML-23-8-22	23	080S	220E	4304739231		Federal	GW	APD	C
GB 1CML-29-8-22	29	080S	220E	4304739232		Federal	GW	APD	C
NBE 8CD-10-9-23	10	090S	230E	4304739341	16513	Federal	GW	P	
NBE 15AD-10-9-23	10	090S	230E	4304739342		Federal	GW	APD	C
NBE 6DD-10-9-23	10	090S	230E	4304739343		Federal	GW	APD	C
NBE 6AD-10-9-23	10	090S	230E	4304739344		Federal	GW	APD	C
NBE 6BD-10-9-23	10	090S	230E	4304739345		Federal	GW	APD	C
NBE 5DD-10-9-23	10	090S	230E	4304739346	16574	Federal	GW	P	
NBE 7BD-17-9-23	17	090S	230E	4304739347		Federal	GW	APD	C
NBE 4DD-17-9-23	17	090S	230E	4304739348	16743	Federal	GW	P	
NBE 10CD-17-9-23	17	090S	230E	4304739349	16616	Federal	GW	P	
NBE 11CD-17-9-23	17	090S	230E	4304739350		Federal	GW	APD	C
NBE 8BD-26-9-23	26	090S	230E	4304739351	16617	Federal	GW	P	
NBE 3DD-26-9-23	26	090S	230E	4304739352		Federal	GW	APD	C
NBE 3CD-26-9-23	26	090S	230E	4304739353		Federal	GW	APD	C
NBE 7DD-26-9-23	26	090S	230E	4304739354		Federal	GW	APD	C
NBE 12AD-26-9-23	26	090S	230E	4304739355		Federal	GW	APD	C
NBE 5DD-26-9-23	26	090S	230E	4304739356		Federal	GW	APD	C
NBE 13AD-26-9-23	26	090S	230E	4304739357		Federal	GW	APD	C
NBE 14AD-26-9-23	26	090S	230E	4304739358		Federal	GW	APD	C
NBE 9CD-26-9-23	26	090S	230E	4304739359		Federal	GW	APD	C
FR 9P-20-14-20	20	140S	200E	4304739461	17025	Federal	GW	S	
FR 13P-17-14-20	17	140S	200E	4304739462		Federal	GW	APD	C
FR 9P-17-14-20	17	140S	200E	4304739463	16829	Federal	GW	P	
FR 10P-20-14-20	20	140S	200E	4304739465		Federal	GW	APD	C
FR 5P-17-14-20	17	140S	200E	4304739509		Federal	GW	APD	C
FR 15P-17-14-20	17	140S	200E	4304739510		Federal	GW	APD	C
FR 11P-20-14-20	20	140S	200E	4304739587		Federal	GW	APD	
FR 5P-20-14-20	20	140S	200E	4304739588		Federal	GW	APD	C
FR 9P-21-14-20	21	140S	200E	4304739589		Federal	GW	APD	C
FR 13P-21-14-20	21	140S	200E	4304739590		Federal	GW	APD	C
GB 7D-27-8-21	27	080S	210E	4304739661		Federal	GW	APD	C
GB 15D-27-8-21	27	080S	210E	4304739662	16830	Federal	GW	P	
WV 13D-23-8-21	23	080S	210E	4304739663	16813	Federal	GW	P	
WV 15D-23-8-21	23	080S	210E	4304739664	16924	Federal	GW	P	
FR 14P-17-14-20	17	140S	200E	4304739807		Federal	GW	APD	C
FR 12P-20-14-20	20	140S	200E	4304739808		Federal	GW	APD	C

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
FR 6P-20-14-20	20	140S	200E	4304739809	16925	Federal	GW	P	
FR 3P-21-14-20	21	140S	200E	4304739810		Federal	GW	APD	C
FR 4P-21-14-20	21	140S	200E	4304739811	16771	Federal	GW	P	
FR 8P-21-14-20	21	140S	200E	4304739812		Federal	GW	APD	C
FR 15P-21-14-20	21	140S	200E	4304739815		Federal	GW	APD	C
FR 2P-20-14-20	20	140S	200E	4304740053		Federal	GW	APD	
FR 2P-21-14-20	21	140S	200E	4304740200		Federal	GW	APD	C
WV 11-23-8-21	23	080S	210E	4304740303		Federal	GW	APD	C
GB 12-27-8-21	27	080S	210E	4304740304		Federal	GW	APD	C
GH 11C-20-8-21	20	080S	210E	4304740352		Federal	GW	APD	C
GH 15A-20-8-21	20	080S	210E	4304740353		Federal	GW	APD	C
GH 10BD-21-8-21	21	080S	210E	4304740354		Federal	GW	APD	C
FR 11P-21-14-20	21	140S	200E	4304740366		Federal	GW	APD	C
MELANGE U 1	09	140S	200E	4304740399		Federal	GW	APD	C
OP 16G-12-7-20	12	070S	200E	4304740481	17527	Federal	OW	DRL	C
OP 4G-12-7-20	12	070S	200E	4304740482		Federal	OW	APD	C
WF 8D-21-15-19	21	150S	190E	4304740489		Indian	GW	APD	C
WF 15-21-15-19	21	150S	190E	4304740490		Indian	GW	APD	
WF 4D-22-15-19	22	150S	190E	4304740491		Indian	GW	APD	C

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov/ut/st/en.html

IN REPLY REFER TO:
3100
(UT-922)

JUL 28 2010

Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office

From: Chief, Branch of Minerals Roger L Bankert

Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS
UDOGM